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## Shiny zeraora qr code

Just a few years ago, QR codes seemed to be "the next big thing." Shop windows, food labels, band fliers, magazine advertisements -- those distinct little black-and-white squares were everywhere, vying for our attention. And while small business owners and marketers thought they'd hit the jackpot, the QR code trend didn't become as popular with consumers as some had predicted. A 2013 survey found only 21% of American smartphone owners say they've ever scanned a QR code, and just 2% say they scan a QR code at least once per day. You might think that, in an age when consumers tend to keep their smartphones close by at all times, an application that connects the physical and digital worlds -- kind of like Instagram, FitBit, and thousands of other apps do -- would take flight. But I'll be honest here: I've never scanned a QR code in my entire life, and I'm pretty tech-savvy. I can't even recall watching a friend scan a QR code, either. But I realize I'm a sample size of one, and I've heard people argue -- marketers especially -- that QR codes are still alive and well. I found myself thinking, could that even be possible? Download our free guide here to learn how to create QR codes for yourself. So I decided to look for success stories and data to see whether I was ill-informed or QR codes really are still a thing. Though I could hardly find a data point that was less than two years old, I'll tell you what I did find, what I think it means, and what marketers should do about it. Like I said, this isn't an easy question to answer because of the limited data. But the data I did find suggests that QR codes are not widely used. For example, Inc's 2012 research found that 97% of consumers don't even know what a QR code is. Digital business analytics company comScore found that 6.2% of the total U.S. mobile audience scanned a QR code on their mobile device in 2011. Since 2011, the number of mobile users has increased, especially among the younger population, while QR codes seem to have maintained steady popularity and visibility. According to comScore's report, the number of people who have scanned a QR code seems to have plateaued since 2012. As the number of smartphone users continues to rise, the number of consumers scanning QR codes remains the same, trend is out of style, or are some of them actually seeing real success? After all, it's understandable that we're constantly looking for ways to bridge offline and online marketing in our internet-driven world -- so to us, links you can "click on" in real life are a godsend. Data from MarketingCharts suggests that the average marketer's view on QR codes is "somewhat at odds with the consumer statistics. Whereas relatively few consumers say they're actively scanning QR codes, marketers are finding them to be quite an effective mobile marketing tactic." To be specific, of the marketers who responded to an Experian survey about the effectiveness of QR codes as a mobile marketing tactic, 29% of them rated QR codes very effective, and another 66% effective. So what does this data all mean? Basically, QR codes appear to be working for that small, stagnant population that knows how to use them. While QR codes aren't "dying," they're certainly not thriving. The question is why, given how many consumers have smartphones nowadays. What Happened? There are a number of reasons why QR codes might be going "out of style," but the most important is probably that they're often misused. They're in subway stations where there's no WiFi, on TV commercials that have an air time of a second or two, and some of them lead to broken links or landing pages that aren't optimized for mobile. Once a consumer is disappointed by the mobile experience behind a QR code, she may never scan one again. For those of you who use QR codes properly and offer great mobile experiences behind them, this is probably very frustrating. But even when QR codes are used properly by businesses, the bigger issue is that the many users don't know how to use them properly. They have been poorly adopted in the United States and haven't really broke out of the tech-savvy crowd. And although mobile devices incorporated a preloaded version of a QR code reader into their system (Apple's is built into Passbook, not the camera itself), that isn't very widely known or used. It turns out that the action of taking out your phone, opening a QR code reader, holding the camera from the app up to a QR code with steady hands, and pressing a button isn't super intuitive -- so you should probably adjust your marketing strategy accordingly. What's a Marketer To Do? Marketers who believe QR codes are alive are already drinking inbound marketing Kool-Aid -- they're just trying to use an offline channel to drive website visits. So, what are other ways to bridge the online/offline gap and draw more people to your website? One practical solution is to lock down a short, memorable URL and give people that URL. Consumers are becoming more and more familiar with their smartphones, and nowadays, typing a URL into a mobile browser is not a problem for most people. Just make sure that these URLs are short and that they contain a unique UTM tracking code so you can measure your success. (HubSpot customers: learn how to create a tracking URL for a landing page in HubSpot here.) And, besides QR codes, there are other effective ways to attract people to your website, add you on Twitter, or buy your product -- you can click here for some ideas. If QR codes are a part of your marketing strategy and you believe they bring you success, I suggest that you run an A/B test or two to gauge their effectiveness. For example, at your next event, you could include a QR code on half of your programs, and a shortened, easy-to-remember URL in the other half, both linking to the same page on your website. Put separate UTM tracking codes on the QR code link and shortened URL so you can compare how many people visit from each, and voila -- you can see if your audience likes to use QR codes. Just because QR codes don't work for some companies doesn't mean they won't work for you, and this type of testing is the only way to know if they work for your unique audience. What do you think? Are QR codes dying? Originally published Aug 14, 2014 8:00:00 AM, updated July 28 2017 In the years I've been writing for HowStuffWorks, I've had quite range of assignments. Some are highly technical and send me to a nearby university library for research. Others allow me to draw on life experiences as well as popular literature and websites. None, however, has seemed as strange as this one -- Are there really condoms with QR codes? I thought my assignment editor was playing a joke. But a little time online showed me that yes, QR codes have even invaded the bedroom. And that savvy public relations professionals are figuring out all sorts of ways to tap into the latest technology and modes of communication in their efforts to reach young people. My online research led me to a phone conversation with a person who probably knows more than anyone else about condoms with QR codes, and he told me about the good intentions behind what at first seems a bit weird. Related Articles: How Condoms Work, How Planned Parenthood Works, How 2-D Barcodes Work, Bangstyle. "Sweden creates QR-Code Condoms." (June 25, 2012) Cook, John. "The Condom of the Future? Planned Parenthood Offers High-Tech Rubber with QR Code." GeekWire, Feb. 24, 2012. 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Every newspaper drips with them, they can be seen in art galleries and shaved into footballer's heads. Obviously someone thinks they're a good idea - yet lots of people seem to get very irate at their very mention. Here's my quick guide to the top ten myths about QR codes. It's true that the most popular use of QR codes is for URLs, but in fact they can contain any type of text. This means that you can use them to send emails, text messages, point out geographic locations, log in to WiFi, or even make a phone call. 2. No one is scanning QR codes Early Prime Day deals: see all the best early offers right here. It's a popular meme that QR codes are made by over enthusiastic marketing departments despite no one scanning them. Public statistics can be hard to find, but TIL's QR codes in London are scanned by around 10,000 people per month. The QRpedia enabled exhibits in the Miro museum were scanned over 12,000 times. 3. Visual recognition will make QR codes obsolete Wouldn't it be great to point your phone at a poster and have it slurp the information off? Well, yes, but it's highly expensive and really impractical. It requires lots of centralised infrastructure and high computing power. There's also the tricky issue of homographic disambiguation - computers find it really tricky to tell the difference between 1|l|l| or even 0 and O.4. NFC kicks the arse of QR codes Ahhh, NFC. The "cold fusion" of the mobile world. Like cold fusion it will revolutionise the industry and it's merely a few years away! Sadly NFC has been a few years away for the last decade! There are virtually no NFC handsets on the market and the tags are expensive. Almost every camemachine can have a free QR scanner and the codes are cheap to generate and print. You know how you can scratch CDs and they will still play? They contain error-correction which means that minor defects can easily be ignored. QR codes incorporate the same technology - meaning up to 30% of a code can be damaged or obscured and the code will still be scannable. 6. QR codes look boring There's no need for QR codes to look boring. You can combine a variety of colours and logos into a QR code - just so long as you remember not to obscure the three corner squares. Take a look at these examples: From left to right: France's QR branding at Mobile World Congress; Sky; Red Hot Chili Peppers 7. QR codes can be inverted No. No they can't. Don't even try this. Some QR scanners will attempt to invert the image, but the majority just won't be able to cope. With the advent of WiFi in the London Underground, this complaint has started to dry up. However, nearly every single QR scanner will store the results of a scan so you can access it once you're back in coverage. 9. It's really complicated to generate QR codes There are a tonne of free and easy to use QR generators: ZxingQR StuffQR Generator PHP (on GitHub) 10. QR codes are easy to use Perhaps the most contentious one. Because it's so easy to generate QR codes there is a tendency for people to put them to really bad use. QR codes on billboards too high for anyone to scan, codes on motorways when cars are travelling too fast to scan, codes which lead to non-mobile websites, codes hidden behind other objects - the list is almost endless. Conclusion QR codes are on an unstoppable rise - they are being used by businesses both large and small, they're used by activists and individuals, they're on billboards and badges. They're free to use, and customers seem to have taken a shine to them. QR scanners now regularly feature among the top downloaded apps from app stores. So, I say that it's time to embrace QR codes in all their blocky glory. Jump aboard the QR revolution and start scanning! Okay, so we've seen buildings embedded with QR codes that tell you about the occupants; and read about why QR codes might soon replace business cards. So why shouldn't we also be able to have our QR codes, and eat them too? Clevercupcakes, a bakery based in Montreal, have created what looks like the world's first cupcake embedded with a working, edible QR code. If you take a picture of it on your smartphone (and have a scanning app installed), you'll end up at the website of the Montreal Science Center Website. But you can image all kinds of clever applications of this sort of thing on food. For example: Why not cupcakes with a QR code that takes you to the recipe? Or that points you to all sorts of things, such as the closed bar for washing down your treat? Speaking of which, how do you make a QR cupcake? (Via Kuriostias) I have to admit, I've never been curious enough to try them, those mobile-phone barcodes that look like square inkblots. They call to you from the corners of newspaper advertisements, packaging, and signs hanging in conference halls. They invite you to aim your mobile phone and take a picture in exchange for some kind of vague promise of digital content. The next time I'm standing around with nothing to do, no email to send, no one to call, I'm going to try out a QR code. But since I worry that day will never come, I took up a chance to talk to a guru on the topic. Laura Marriott has spent 15 years at the leading edge of mobile technology. She was employee number one of the Mobile Marketing Association (MMA), sits on boards of several mobile technology firms, and is the CEO of NeoMedia Technologies, a QR code pioneer. Laura had just returned from judging some of the best mobile marketing campaigns of the last year at the Cannes Lions International Festival of Creativity event recently held in France, and I got a chance to ask her about QR codes. Here are my key takeaways from a short list of embarrassingly naive questions. Why are QR codes square? Traditional barcodes are one-dimensional (read as a string of dashes), while QR codes are two-dimensional (read horizontally and vertically). This allows them to transfer more information. Why is square better? While a traditional barcode can give you one line of data (e.g., a domain name), QR codes can give you two lines of data (e.g., a domain AND an index code). It gives you or your brand manager a lot more flexibility. If one month you want to send people to your Fourth of July promotion and the next your "heat of summer event," you don't need to reprint your QR codes; you just change what the index points to. You can change the content daily if you want. An additional benefit: since QR codes read four points rather than two, they survive more wear and tear. What do companies use them for? Companies don't yet fully understand what they can do with QR codes. They slap them onto packaging to get people to visit their mobile website. We are now starting to see them use them for "calls to action," like "scan here to subscribe and get a special discount!" Those calls to action dramatically increase response rates. But as with any emerging technology, companies are taking longer than necessary to figure out how to use QR codes, which brings us to the next obvious question. What should companies be using them for? QR codes are starting to be used more cleverly, as a way to sort of increase the real-estate on packaging. You can and can immediately pull up compatibility requirements, specs, instructions, etc. This means you don't have to waste precious packaging space on boring text. We're seeing scans pull up video demonstrations and live product comparisons. As we approach a world in which we can assume everyone has a camera-enabled smart phone, we could see the entire experience of a product's packaging transform into a matrix-like blend of real and virtual. Should you be using QR codes? Marriott surprised me by her response to this. I thought she would be a shameless QR code advocate. "It depends," she says. "First you want to think about your objectives and then think about whether marketing and media help you achieve those objectives." If your target customers are not tech savvy or do not have mobile phones, QR codes will not help much. "You need to understand who you are targeting," Marriott advises. The bottom line QR codes have the potential to dramatically transform how your customers experience and interact with your products. But history shows us reaching that potential will take time. It will require a process of incremental shifts across three inter-dependent agents: technology, companies, and customers. This is the process that made our adoption of the DVR, CD, and fax machine. Getting off my flight to L.A. as I wrote this, for example, I walked past a huge advertisement with a QR code. I thought about stopping to scan it and see what happens, but it was midnight, and I had a half-hour drive ahead of me, so I just walked by. The good news for you, the outthinker, is that that the wave, while slow, is clearly happening and this creates an opportunity to leap ahead of your competition if you jump on it before they do. [Image: Flickr user Michael Kappel]

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