

PR 486: INTRO TO DESIGN TOOLS

THE BASICS OF DESIGN

**DESIGN IS THINKING MADE
VISUAL.**



Saul Bass

DESIGN NEED NOT BE COMPLEX OR OVERTHOUGHT OR SCARY!

- ▶ We see design every day. As humans, we are intuitively drawn to pleasing aesthetics. We have some built-in design instincts.
- ▶ Think about how you react to certain colors – like the red of a stop sign.
- ▶ Think about how you feel when you look at ads, or read signs.
- ▶ Think about how your brain sometimes tries to right things that are crooked, or notices when spacing is off, or gets overwhelmed when you can't figure out where to start reading a poster.

Sprint LTE 12:00 PM 11% 🔋



Ed >

They have Adirondack chairs at the Syracuse airport ... cuz we're in the Adirondacks. That's cute.



I would never have made that connection in a million years

This is what happens when you are a design nerd



iMessage





Chris Do
19 mins ·

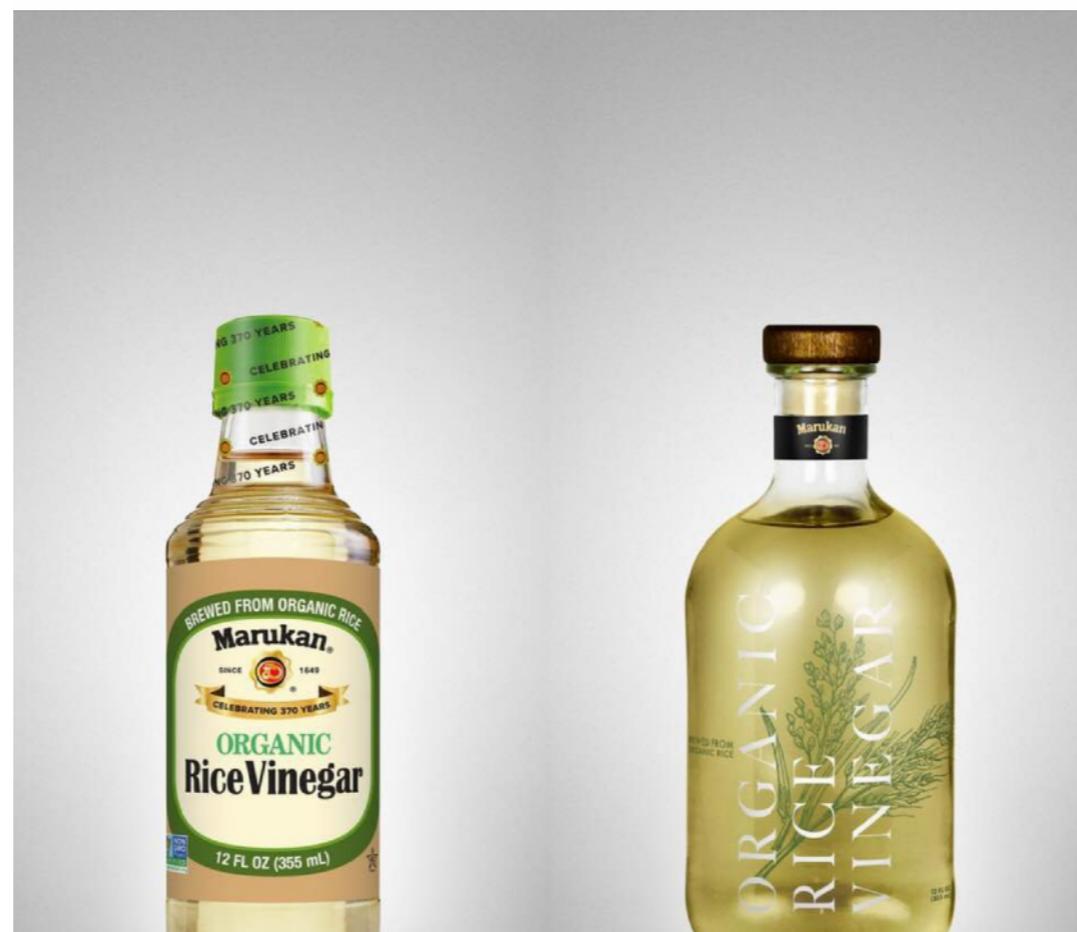
...

Does design matter?

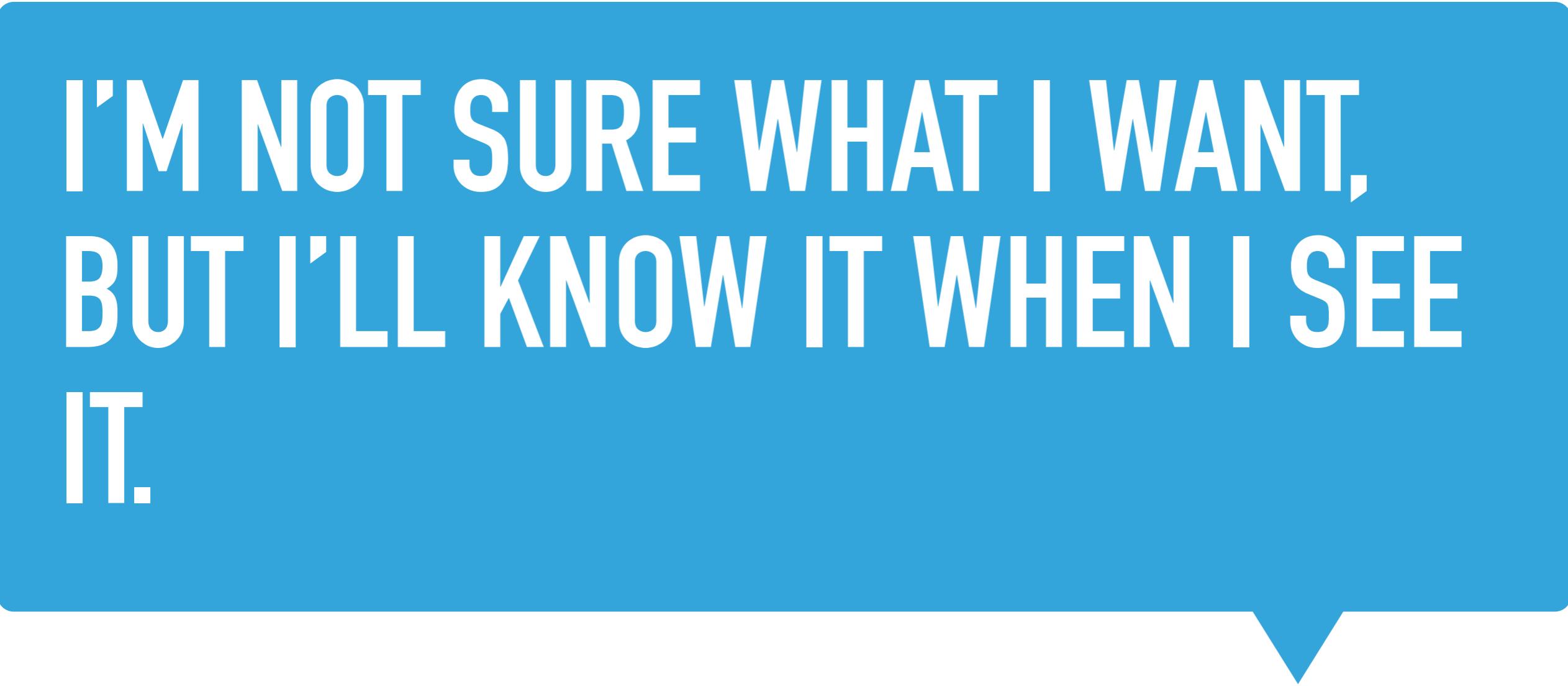
Quick test. Which bottle do you think is more expensive, higher quality and would catch your eye at the store?

The logos are exactly the same but everything else is different. Perhaps it's time to reevaluate the assumption that design is superficial unless you are willing to admit that you are superficial. This is the impact that design can have on your product, service, website, communication, positioning, perceived value and bottom line.

Designed by **Matthew Encina**.
#bizofdesign



I'M NOT SURE WHAT I WANT,
BUT I'LL KNOW IT WHEN I SEE
IT.



Every terrible client, ever

SOME BASIC DESIGN CONCEPTS

- ▶ Color
- ▶ Typeface
- ▶ Hierarchy
- ▶ Spacing / Rhythm

COLOR

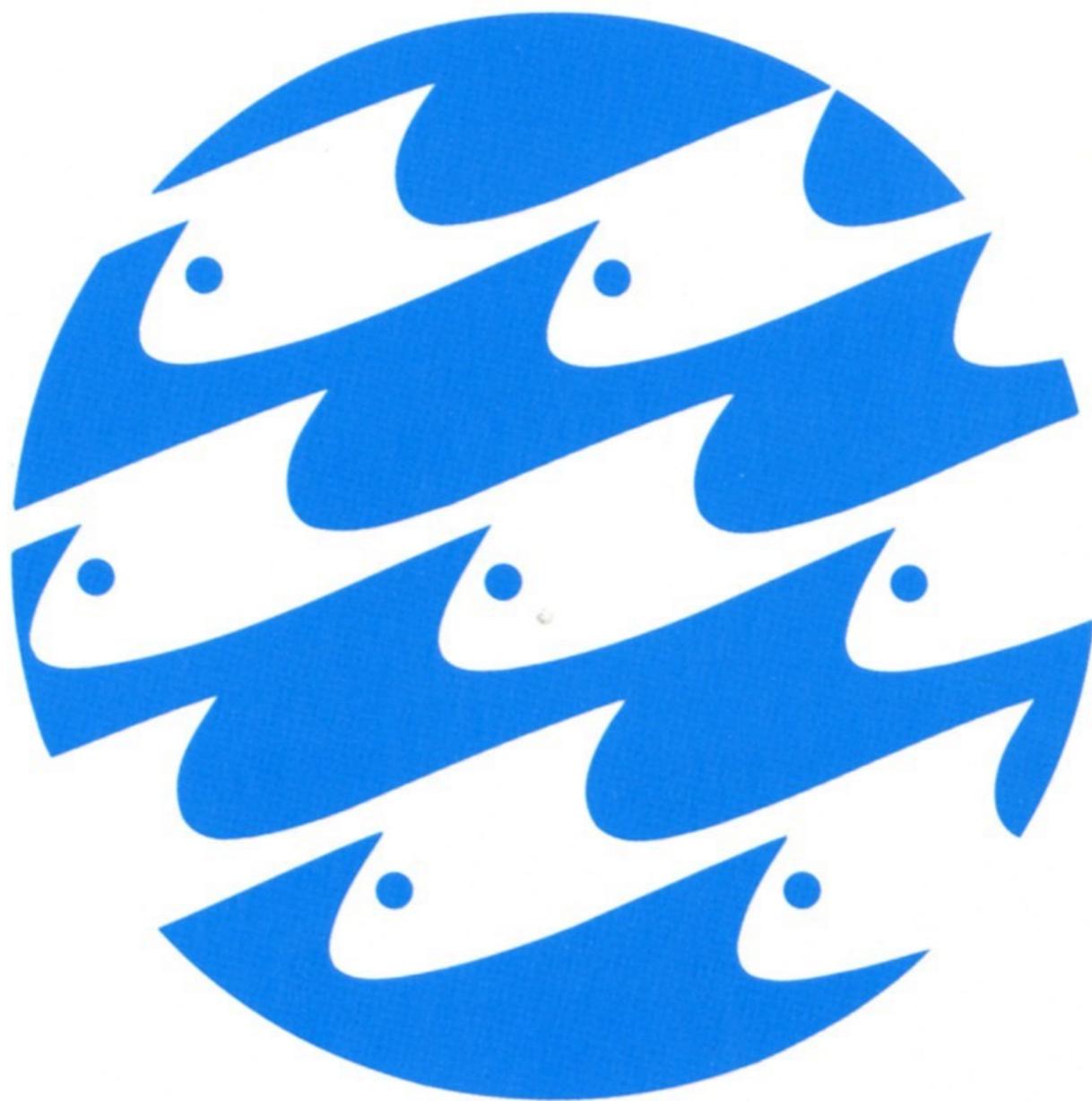
- ▶ Certain colors can evoke certain feelings and emotions.
- ▶ Don't overuse color. Sometimes all you need is two or three.
- ▶ Don't use too many bold shades. One will catch someone's attention; five will make people's eyes bleed.
- ▶ If you're not sure about color combos, there are some basic rules you can follow by looking at a color wheel.



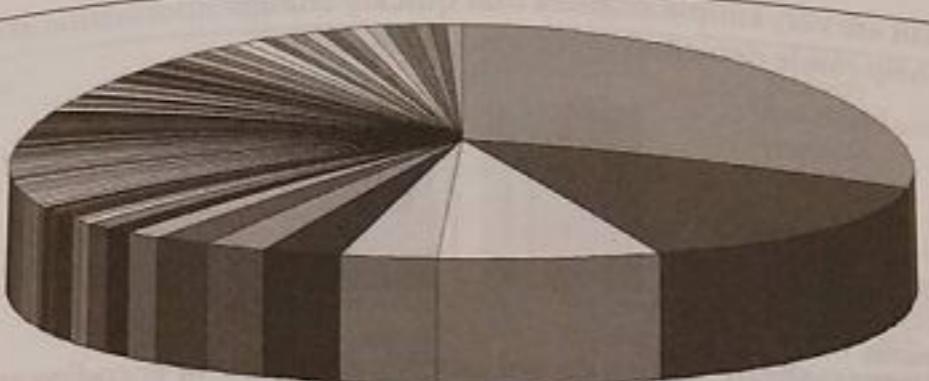
COLOR WHEEL RULES

- ▶ **Complementary colors:** Colors that are opposite each other on the color wheel. For example, blue + orange, red + green, yellow + purple.
- ▶ **Analogous colors:** Colors that are next to each other on the wheel. For example, green + yellow, red + purple, blue + green.
- ▶ **Monochromatic colors:** The same color, but in different shades. For instance, red + pink.





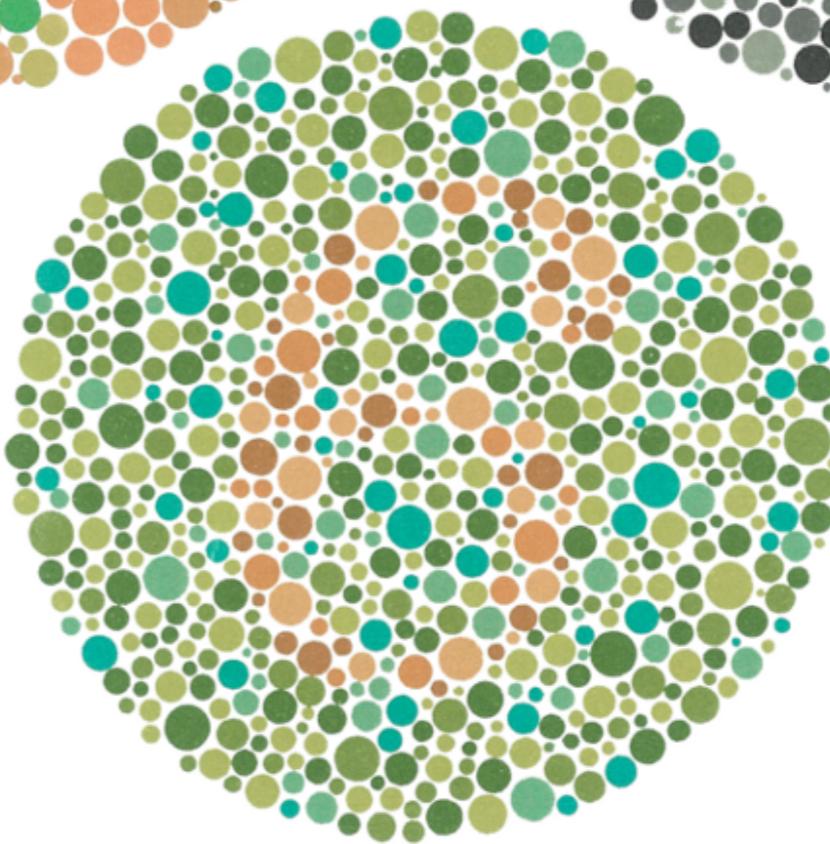
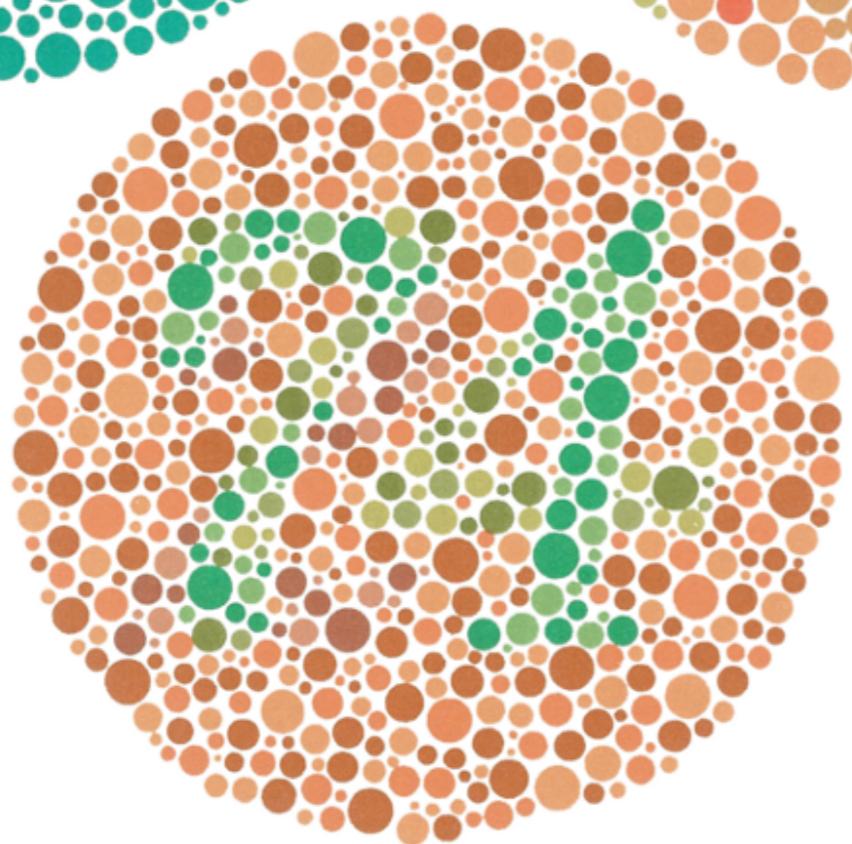
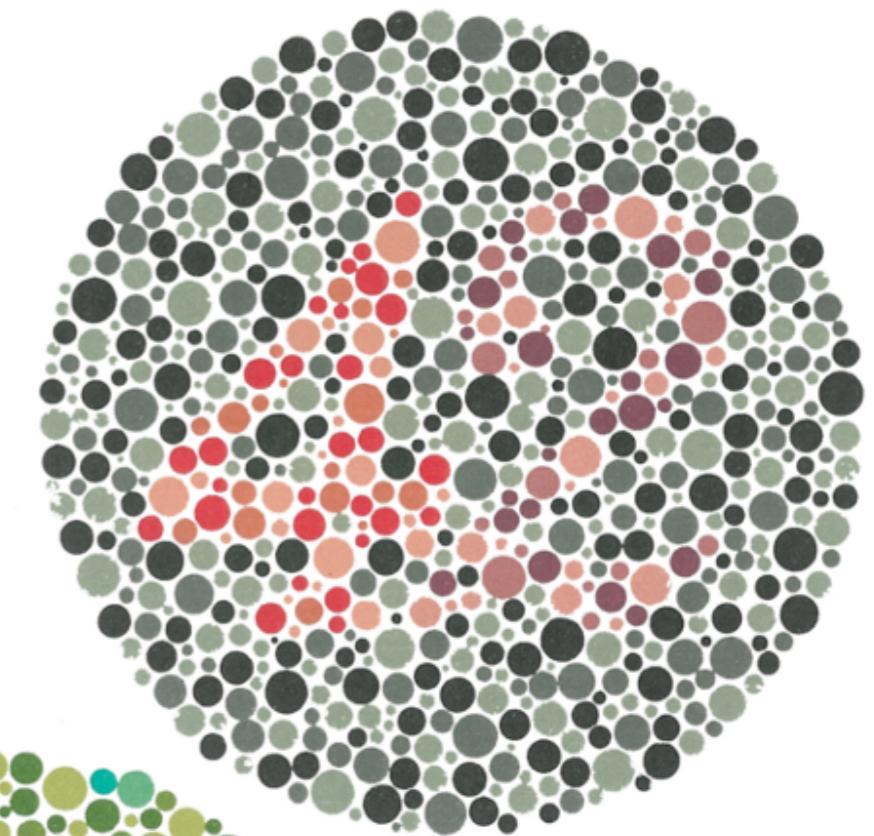
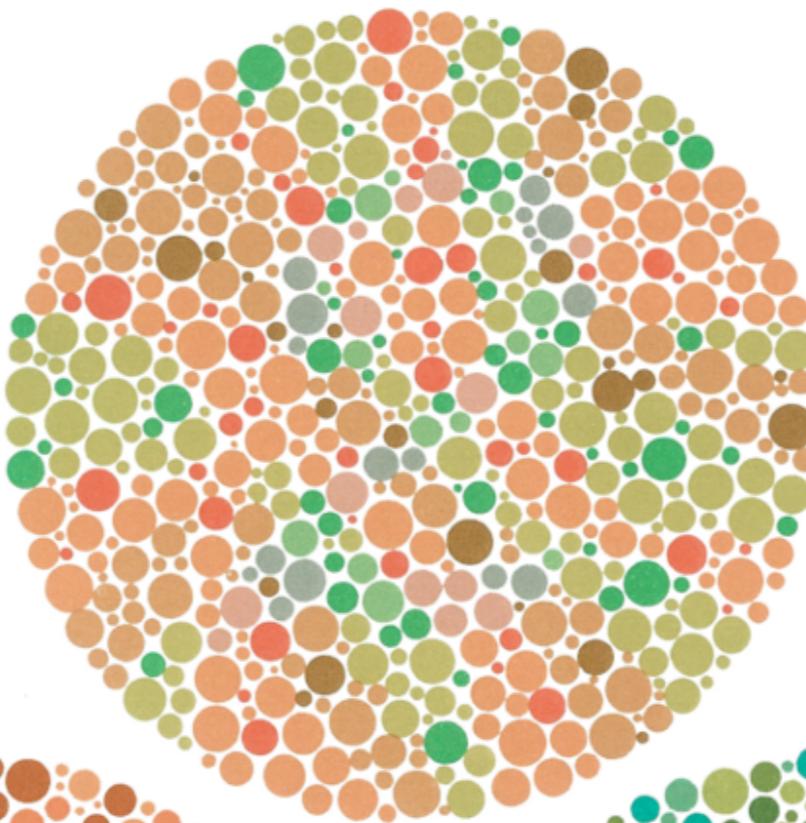
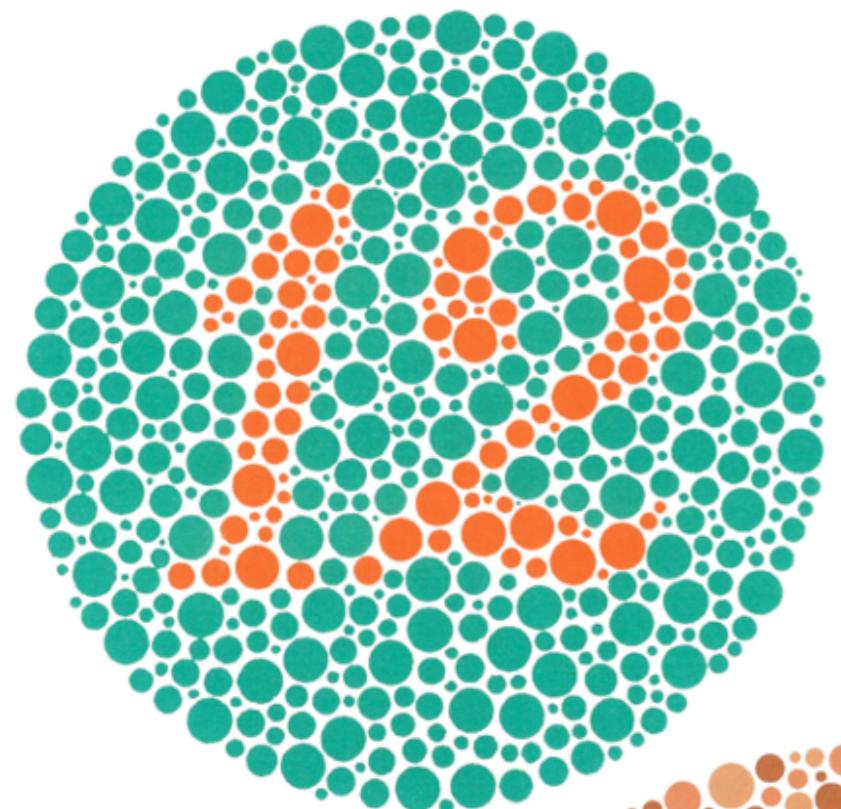




- | | |
|--------------------|------------------|
| ■ Other Packers | ■ UPX |
| □ Other Installers | □ PE-Compact |
| ■ ASProtect.b | ■ Unpack2 |
| ■ Aspack | □ Themida |
| ■ FSG | ■ Morphine |
| □ NsPack | □ TeLock |
| ■ MEW | ■ NSpack |
| ■ RLPack | ■ YodaProtect |
| ■ RP Crypt | □ PEBundle |
| □ Armadillo | □ SVK Protect |
| ■ PKUTE32 | □ EXE Crypter |
| ■ PE-Pack | □ VMProtect |
| ■ NTKml | □ PESpin |
| □ Petite | □ PE-Compact |
| ■ NSPack | ■ Molebox |
| ■ PE-Armour | ■ Unpack1 |
| ■ Yoda | ■ NakedPack |
| ■ Hmimys | ■ Expressor |
| ■ BeRoEXEProtect | ■ ASProtect |
| ■ nPack | ■ Kkrunchy |
| ■ PELOCK | □ PC-Guard32 |
| ■ ACProtect | □ Cex ec |
| ■ Obsidium | □ ARM |
| ■ Packman | □ Orien |
| ■ EXE Stealth | ■ NS Anti |
| ■ EXE Pack | ■ PE Armour |
| ■ Enigma | ■ PKlite |
| ■ XorFF | ■ Neolite |
| □ Punisher | ■ PE Patch.crypt |
| □ VPacker | □ AntiDote |
| ■ WW pack | ■ SDprotector |
| ■ The Draw | ■ LZexe |

A WORD ABOUT COLORBLINDNESS!

- ▶ There are an estimated 300 million people who have some kind of color vision deficiency!
- ▶ 1 in 12 men and 1 in 200 women are color blind.
- ▶ Red/green colorblindness is the most common type. These are folks who cannot differentiate between red and green (it all looks brown to them).





CBS

TNF



BUF 3

NYJ 3

2ND 5:42

NBC NETWORK

TYPEFACE (ALSO KNOWN AS FONTS)

- ▶ Fonts can convey meaning and a specific feel. You wouldn't use a frivolous cursive or handwriting-style font if you were talking about a serious subject matter!
- ▶ Readability is key. Don't use a cursive font in all caps. That's just terrible.
- ▶ Size ***does*** matter, especially when it comes to light type on dark backgrounds. Use larger type in this situation. Also keep reading length in mind.

MORE TYPEFACE TIPS

- ▶ Don't use more than two or three fonts at once or you'll look like a club flyer.
- ▶ Pairing a sans-serif and a serif font together is a classic pairing. You can also pair two sans-serif fonts or two serifs. Just make sure they don't look radically different from each other if you use two serifs or sans-serifs.
- ▶ You can always use one typeface in multiple weights, like regular and bold, or thin and bold. You want some contrast.
- ▶ Google Fonts is a great source for fonts! (And it's free!)

SOME MORE GREAT TYPOGRAPHY TIPS

- ▶ Does type have personality? Absolutely!
- ▶ Should you pick a typeface willy-nilly? Probably not.
- ▶ Line length does matter. Help your readers out.

Amanda's Toddler Day Care!

"Your precious kid
will be fine with us!"



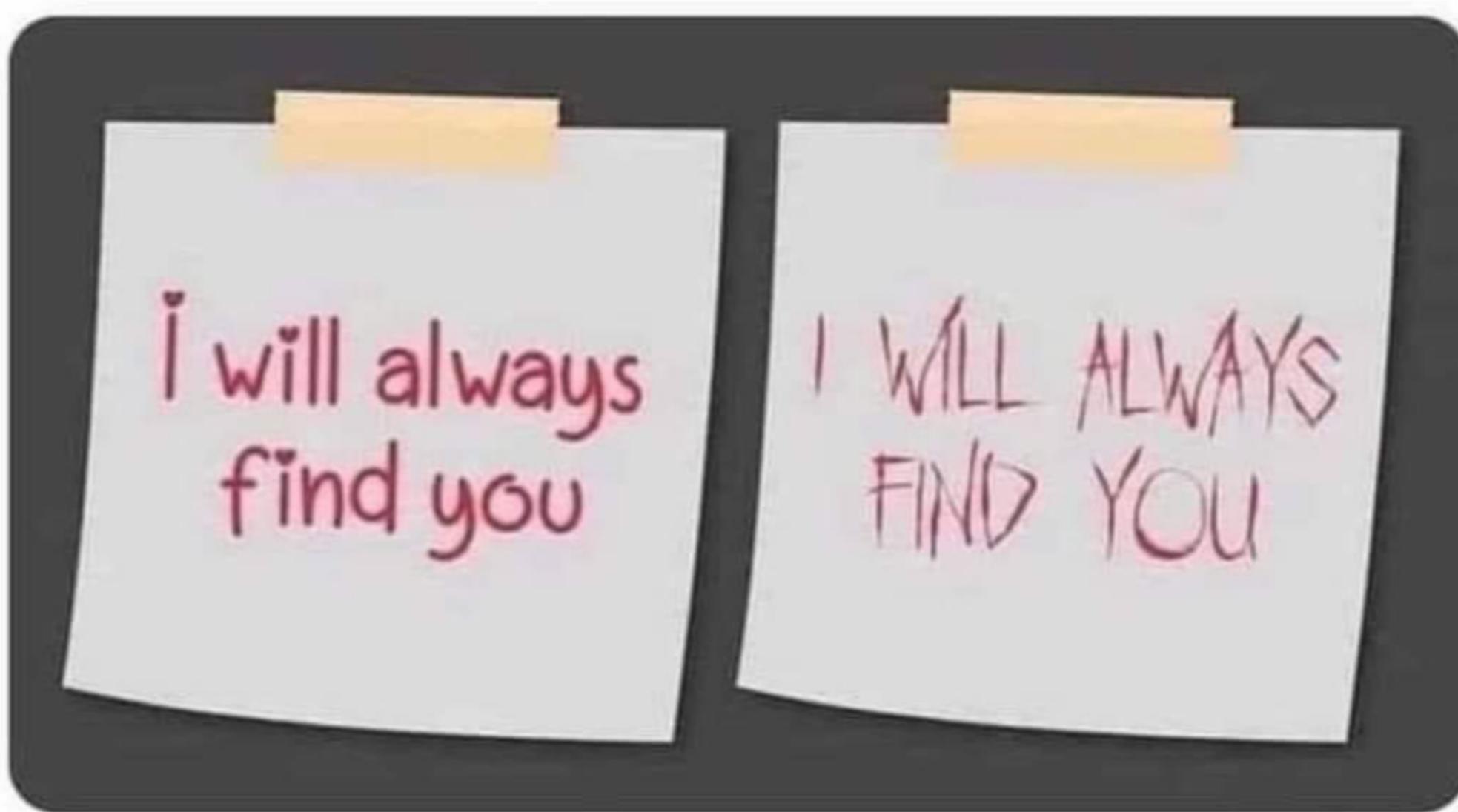
MC Lars · Follow

Suggested for you · 7h · 🌎

... X

"The difference between the almost right word and the right word is really a large matter—it's the difference between the lightning bug and the lightning." - Mark Twain

FONT MATTERS!



11:49 ↗

5G

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HOWies

...



Bruce Schneider · 16h ·



😂👍 Velvette de Laney and 30 others

3 Comments

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Su Jung Kim added 47 comments.

...



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n4mht@mchsi.com

**VE TESTING AT 9:00
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SWAPMEET**

**WELCOME
TO THE
PENNINGTON FOLK MUSIC FESTIVAL**

•••• FIRST ANNUAL ••••

"PENNINGTON"

HAMFEST



**INDOOR TABLES ARE AVAILABLE - FCFS
NO FEES TO ENTER OR SETUP**

**DOOR
PRIZES**

**FOOD AND DRINKS
WILL BE AVAILABLE**

**DOOR
PRIZES**

**PRINCETON, KY
FIRE TRAINING CENTER**

EXIT 12 OFF WK PKWY

2001 HWY 62 WEST

JUNE 2nd, '12 7:00 AM till NOON

PRINCETON HAM RADIO CLUB AND CALDWELL CO ARES

**NO STYLING**

- Difficult to read text
- Lazy

**DROP SHADOW ON TEXT**

- Better than no styling at all
- Legibility of text depends on image used

**COLOR OVERLAY**

- Text will be readable on any image
- More stylised approach
- Use dark grey overlay for more neutral style

**GRADIENT OVERLAY (OUR PREFERRED METHOD)**

- #000 gradient that starts at 100% opacity and fades to 0% (bottom to top)
- You can also use a dark and dominant color from the image rather than black
- Text will be readable on any image
- Subtle technique that does not interfere with image

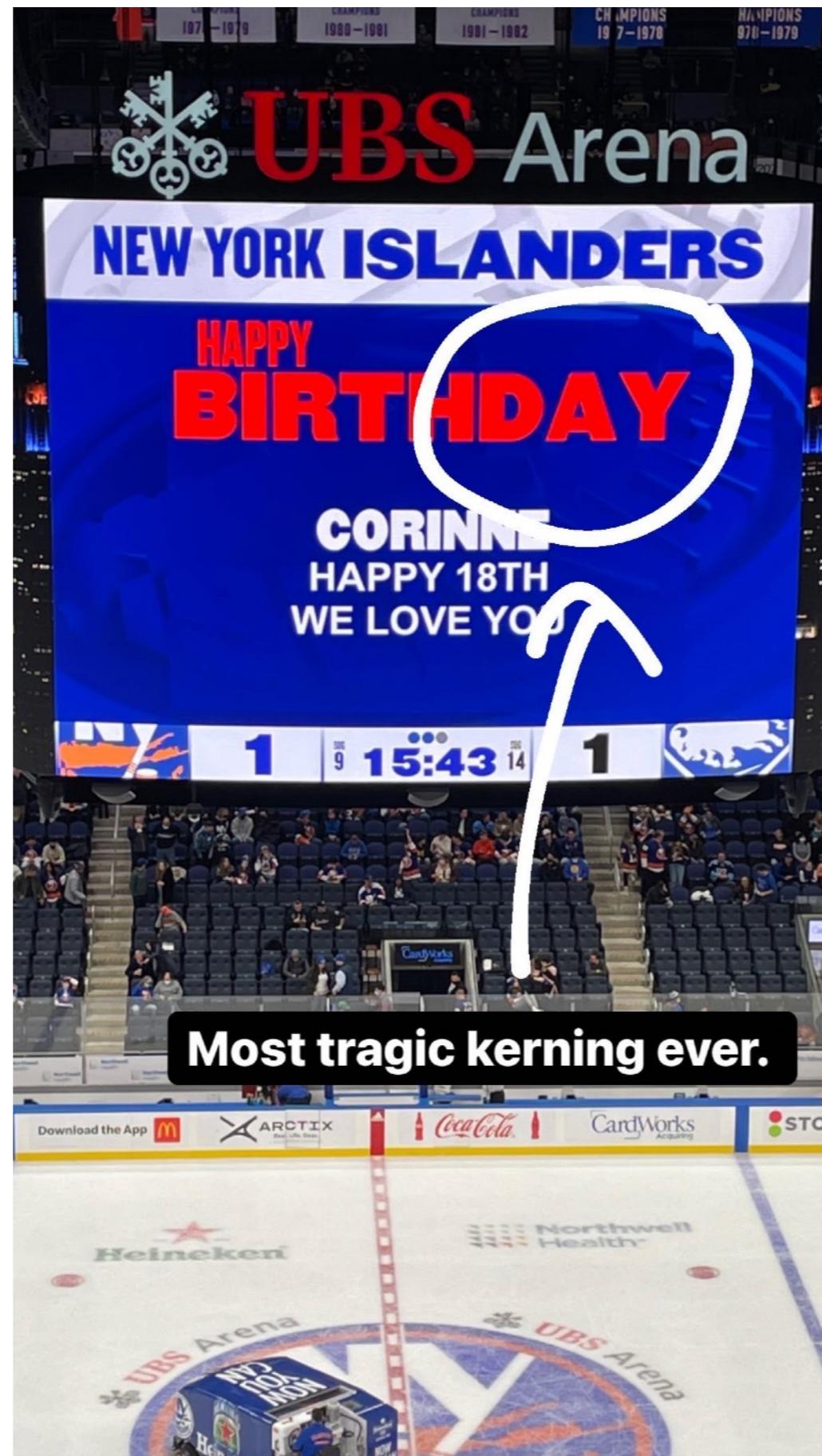


KNOW YOUR FONT TERMS!

- ▶ **Leading:** The space between lines of text.
- ▶ **Kerning:** The space between letters.
- ▶ **Serif:** “With feet.” Typefaces that have ornamentation at the end, like Times New Roman, Palatino. Sometimes you’ll see the term “Slab Serif,” which just means the “feet” are straighter. (Think typewriter-type fonts.)
- ▶ **Sans serif:** “Without feet.” Typefaces that are straight with no orientation, like this one. (Avenir) Arial and Helvetica are other well-known examples.

**Howto
piss off
your
designer
friends
and give
them a
migraine.**

Zag



HIERARCHY

- ▶ If everything is the same size or color, no one will know what to look at first. Make the important stuff stand out. Make it bigger, use a highlighting color, etc.
- ▶ Contrast is a great principle to think of when thinking of hierarchy. If something looks different than the other text on it, it's eye-catching. Same goes for if you use a photo.
- ▶ A great post about contrast: It's not always just about color.
- ▶ Some great typographic hierarchy tips



Read about it:

<https://www.itsnicethat.com/news/wieden-plus-kennedy-portland-rxbar-graphic-design-071118>

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A-B-C-D-E-F-G-H-I-J-K-L-M-N-O-P-Q-R-S-T-U-V-W-X-Y-Z+2008 Election

Tuesday, 11 November 2008 CALENDAR

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News Topics A-Z

Democratic

Obama TV BarackObama.com

Begich Franken Hagan Kleeb Martin Merkley Noriega Rice

Dem '08 TV

"American Stories, American Solutions."

U. S. A.

+2008 Election 20081108 Terrorism

Sarah Palin - Barack Obama +2008 Election - Racist - Federal - Investigation - Intelligence - Sarah Palin blamed by the US Secret Service over death threats against Barack Obama; 2008 election Republican Vice Presidential Candidate] Sarah Palin's attacks on [2008 Election Democratic President-Elect] Barack Obama's petition provoked a spike in death threats against the future president, Secret Service agents revealed during the final weeks of the campaign. ... "The Republican vice presidential candidate attracted criticism for accusing Mr. Obama of "palling around with terrorists", citing his association with the socialist radical William Ayers." ... "The attacks revolved around a near

TV

WORLD

20081108 Politics

Sarah Palin - John McCain - Clothes - \$60 Money - Canadian - France - Mexico - US - +2008 Elections - +2012 Election - Palin calls critics among McCain aides 'jerks.' ... "The 2008 election Republican Presidential Candidate John [McCain] campaign aides complained about the \$150,000 that the Republican National Committee had spent on [2008 Election Republican Vice Presidential Candidate Sarah] Ms. Palin's clothes, the way a Canadian comedian was able to embarrass the campaign by calling her and pretending to be the president of France, and the political ambitions she seemed to harbor beyond 2008." ... "By the end of the week, their complaints had escalated considerably, with Fox News quoting unnamed McCain campaign officials as saying that Ms. Palin had not known that Africa was a continent, not a country, and claiming that she did not know which countries were covered by the North American Free Trade Agreement [the US, Canada, and Mexico]." ... "Ms. Palin told reporters in Alaska that the anonymous criticism was "cowardly," and that she had

INTELLIGENCE

IRAQ NEWS

Noteworthy

Dick Cheney - +Secret - +Osama bin Laden

Senate committee: Bush knew Iraq claims weren't true. - By Victoria P. Global-McCainDC.com

Article of Impeachment

DECEIVING CONGRESS WITH FABRICATED THREATS OF IRAQ

WMDs TO FRAUDULENTLY OBTAIN SUPPORT FOR AN AUTHORIZATION OF THE USE OF MILITARY FORCE AGAINST IRAQ.

Noteworthy

War Crimes

+Torture - +Prison

Human Rights

SPECIAL JUMBO ISSUE

F for women December 17, 2018

Easy Christmas Mmm...

TIREDNESS? JUST GONE!

The \$2 natural cure that ends the "dream deprivation" making 80% of women tense & drained

NEWS: Nature's Prozac boosts sleep & mood!

QUICK CURES

- ✓ Digestion oh no's
- ✓ Bad breath yikes
- ✓ Hormone ughs
- ✓ Night vision argh
- ✓ Memory oops

YES! Kitchen cure de-bloats your belly + boosts calorie burn by 42%

YOU, PARTY BEAUTIFUL!

THINNER YOU Easy style secrets that shave off 10+ lbs

THICKER HAIR...instantly!

CHEERS! The healthy cocktails that rev slimming

FOOD LOVER'S GUIDE TO HOLIDAY KETO!

You can say **BYE-BYE, HANGRY!** on this Keto-meets-Mediterranean proven plan

Mary Roberts lost 105 lbs on the plan and reversed her Type 2 diabetes: "It was so satisfying, I feel duped by all the low-fat diets I'd tried before!"

Drop 10 lbs in 7 days

101 SHORTCUTS Dazzle without the frazzle with these genius tips

Special XXL issue \$3.99

HAPPY IS WITHIN REACH

HI THERE HAPPY!

REBA! Her secrets to stunning at 63—plus the pantry staple she swears by to end aches

SAVE BIG on gifts, dinners & décor!

Wow YOUR crowd!

The cover features a woman with brown hair and blue eyes, smiling broadly. She is wearing a red sequined dress. Behind her is a green grassy field with a blue sky. The title 'Fitness for women' is at the top in large red letters. Below it is 'December 17, 2018'. There are several text boxes and images: 'SPECIAL JUMBO ISSUE' in the top left; 'Easy Christmas Mmm...' with a photo of a chocolate cake; 'TIREDNESS? JUST GONE!' with a photo of a woman sleeping; 'NEWS: Nature's Prozac boosts sleep & mood!'; 'QUICK CURES' with a list of five items; 'YES! Kitchen cure de-bloats your belly + boosts calorie burn by 42%' with a photo of a woman in a kitchen; 'YOU, PARTY BEAUTIFUL!' with 'THINNER YOU' and 'THICKER HAIR...instantly!'; 'CHEERS! The healthy cocktails that rev slimming'; 'FOOD LOVER'S GUIDE TO HOLIDAY KETO!' with a photo of a festive meal; 'Drop 10 lbs in 7 days'; '101 SHORTCUTS' with 'Dazzle without the frazzle with these genius tips'; 'Special XXL issue \$3.99'; 'HAPPY IS WITHIN REACH'; 'HI THERE HAPPY!' with 'REBA! Her secrets to stunning at 63—plus the pantry staple she swears by to end aches'; 'SAVE BIG' on gifts, dinners & décor!'; and 'Wow YOUR crowd!' with a photo of a fruit platter.

SPACING AND RHYTHM

- ▶ Another way to think of this is grouping. If you group things together, it makes them seem related. For instance, if you're advertising a concert, you probably want to put the venue, date, and time near each other. On a business card, you want to put all the contact info near each other.
- ▶ Create a visual flow for a reader.
- ▶ Don't be afraid of white space. You don't need to fill up every square inch. Let your design breathe.

23 Lawnhill Drive Happyville, NB

Joe's Graphics

555-555-4444 joesgraphics.com

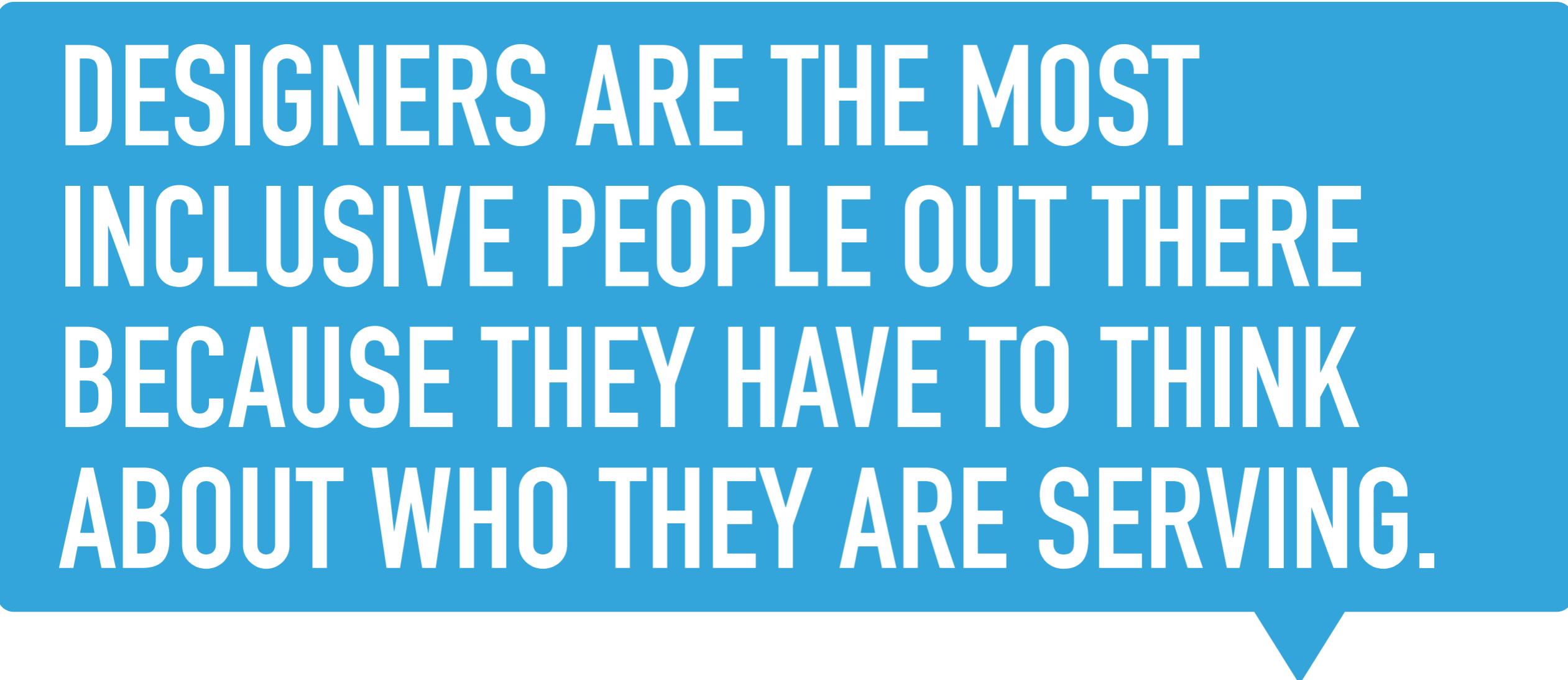
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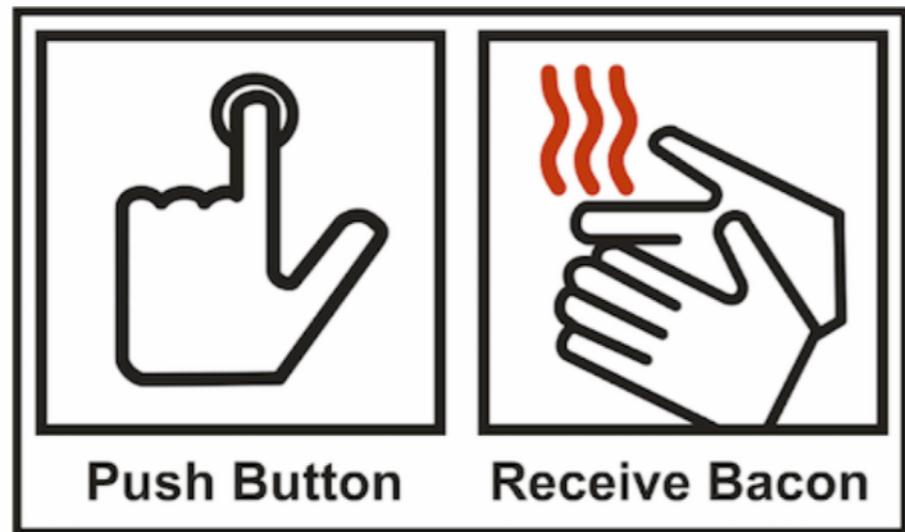
**A WORD ABOUT AMBIGUITY
(AND UNINTENTIONAL
HILARITY)!**

DESIGNERS ARE THE MOST
INCLUSIVE PEOPLE OUT THERE
BECAUSE THEY HAVE TO THINK
ABOUT WHO THEY ARE SERVING.



John Maeda, head of global computing, Automattic

BE WARY OF MISINTERPRETATION OR UNINTENTIONAL MEANING IN YOUR DESIGN!



Julie Goldsbearsy ► HOWies
5 hrs · 

Design counts.



Sprint 9:33 AM Yesterday at 3:24 PM 84% 

Jeff Foxworthy
Yesterday at 3:24 PM · 

Saw this one on Larry The Cable Guy's page.



I went to the grocery store and they now have a parking spot for Fat guys that like to grill. That's so considerate.

You

1 Share

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Tom Stephan

Visual Storyteller · April 28 at 12:58 PM ·

....how deep?



The Great PNW

Sponsored ·

Our love for the Pacific Northwest runs deep, ar
in every design we produce so you can wear you



Woodsy Sticker

\$3.75

Shop Now

5:06 ↗

Cheri Hirschbaum · 1d ·

Once you see it you can't not see it.

Congrats on the sex

@DanCrenshawTX

Done

vimeo.com

AA



vimeo



DAN'S
FIRST
ANIMAL



Summer of 1776



from Dan Crenshaw

3 weeks ago — via Parallel Uploader

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18

6 Comments

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Comment



9:13 ↗



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Shoshana Steinmetz ► HOWies

5 hrs ·

Hi, kids!



呕 😱 😳 😳 Velvette de Laney and 20 others

13 Comments

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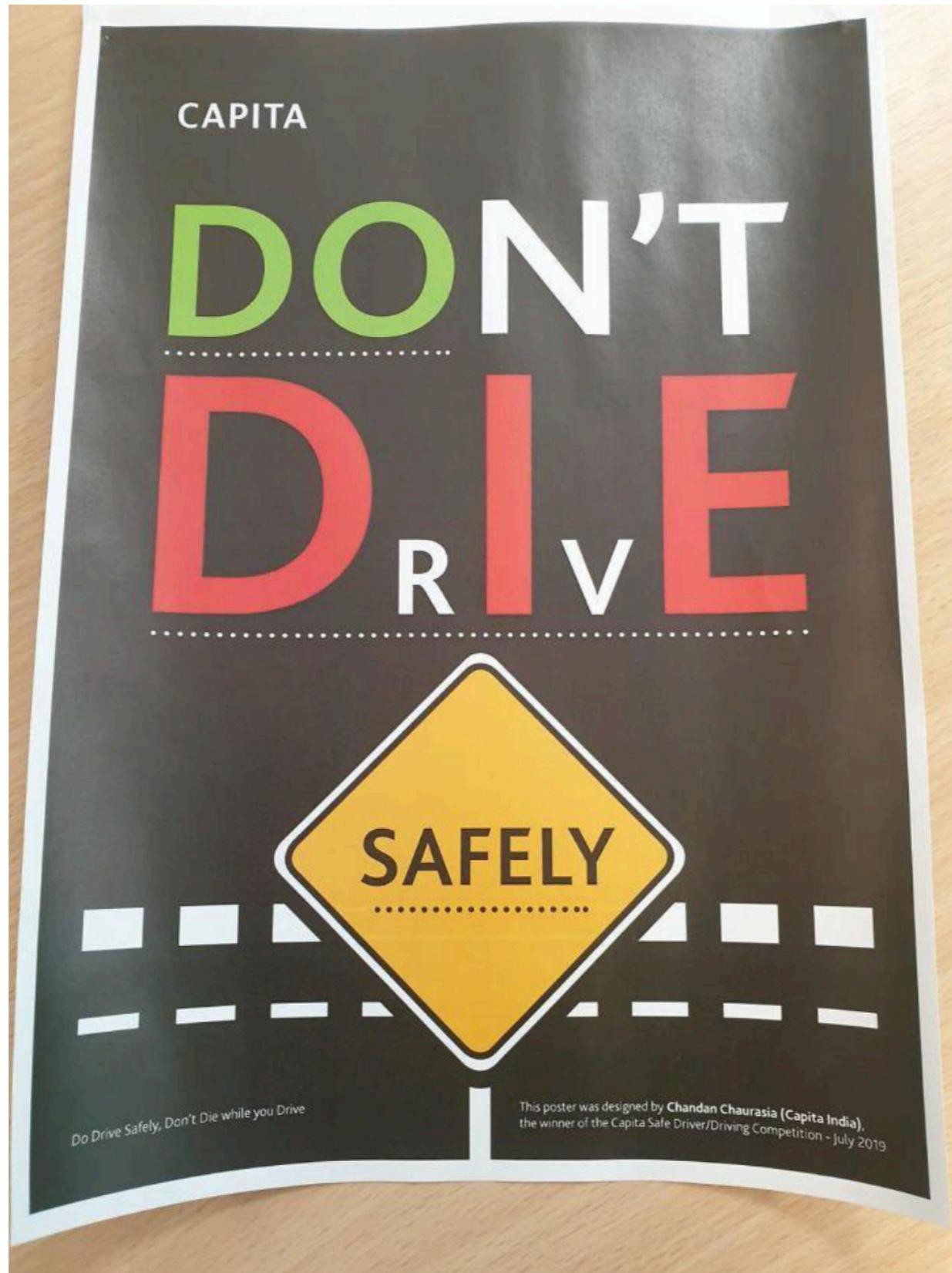
Janet Little Jeffers

I know I'm still only halfway into my first cup of coffee, but I honestly started readin... See More

[View 2 previous replies...](#)







7:04 ↗



Sarah Button ► HOWies

8h ·

...

Hard to find good designers these days.



47

37 Comments 1 Share

Like

Comment

Share



Bruce Schneider

I wonder if this outdoor board has met the company's performance expectations?

[View 1 previous reply...](#)



Bruce Schneider

They've had some anxiety over it.



Write a comment...



9:13 ↗

LTE



Jason Hardy ► HOWies

1 hr ·

Kerning is important with handwritten letters too



😂👍😱 Rachel Elnar and 22 others

4 Comments

Like

Comment



Jessie Malina



5:53 ↗

LTE



Jon Fisher ► HOWies

10 hrs ·

Typeface choices matter.

WHEN YOU MISREAD A SIGN



😂👍❤️ 37

2 Comments

Like

Comment



Roxy Goetz

I'm going to tell myself that he crosssd the convention hall and saw someone e... See More





Douglas Cheape
@CheapeDouglas

...

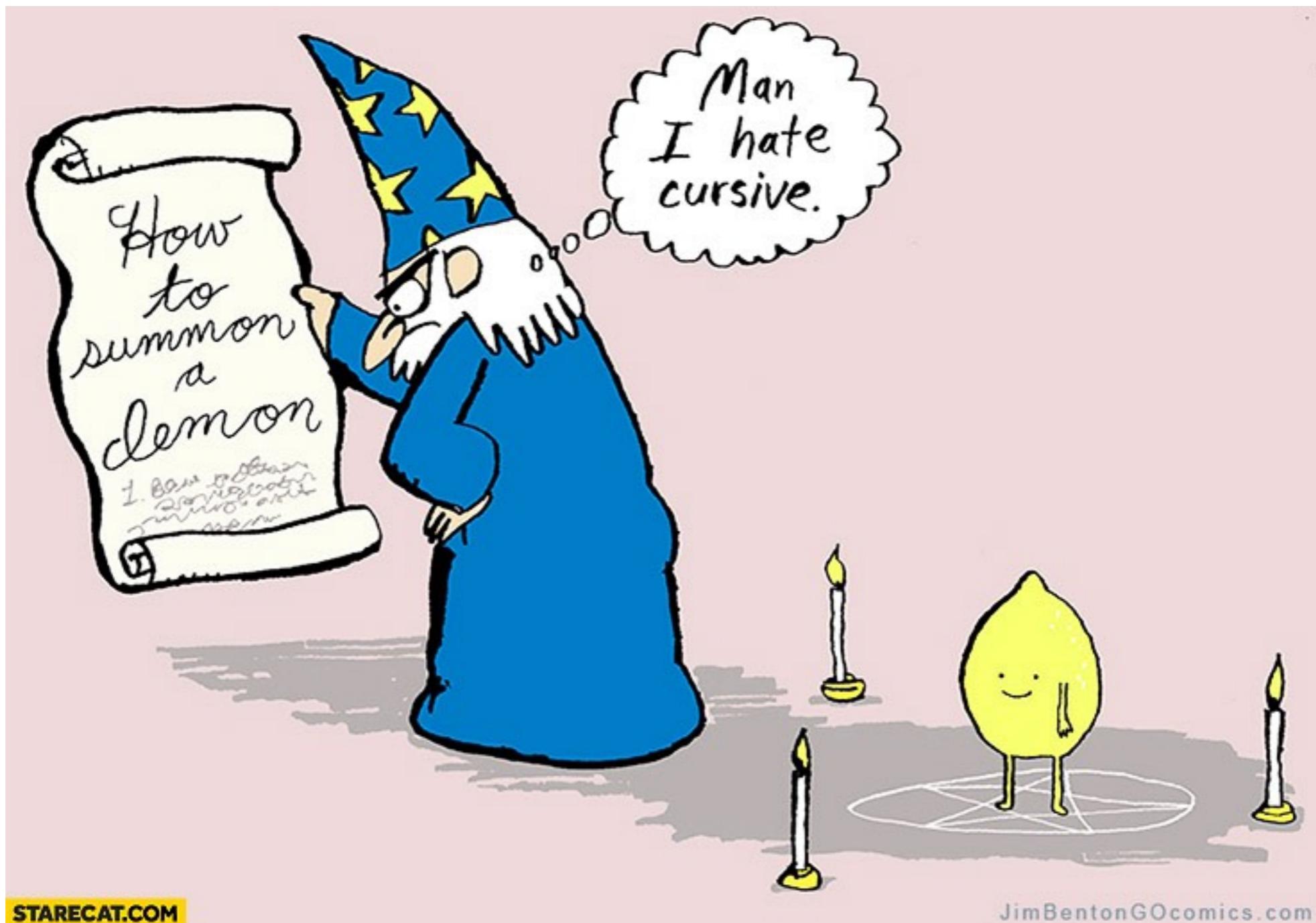
You're in luck, I HAVE brought urine.

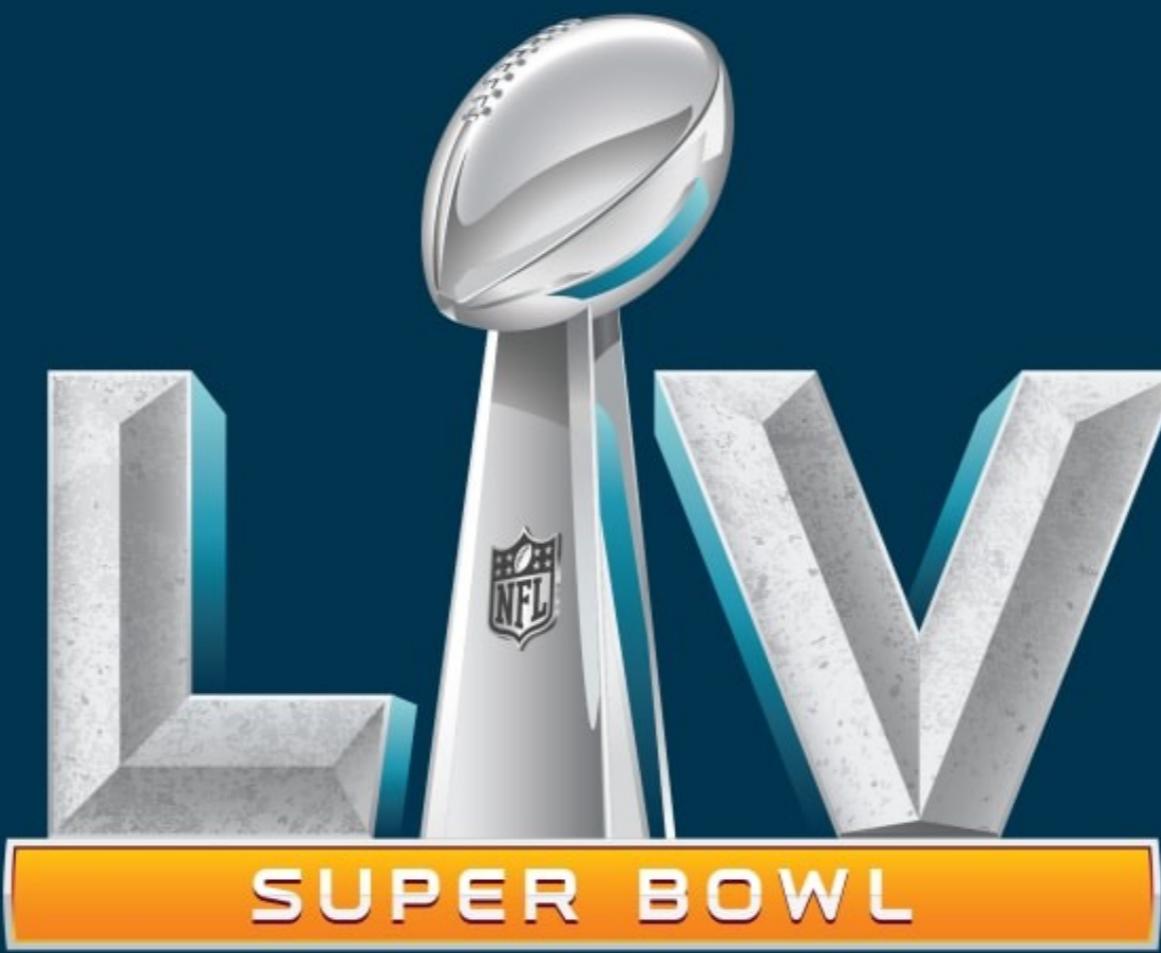


British Memes
@memesofbritish

...

This is why fonts are so important







ASSIGNMENT #1

CREATE YOUR RECORD COMPANY OR PODCAST

Now that you've had some design inspiration, you get to apply design principles to an actual project!

Create a record company or podcast of your choosing. For the record company, it can be anything beyond the bounds of a traditional company – a collection of artists, a showcase for a single genre, a festival. Think of a name and write 1-2 paragraphs describing this company, its ethos, its music/ subject matter, and the target demographic you want to reach.