LISIBILITÉ & DESIGN:

CONSTRUISONS ENSEMBLE DES EXPÉRIENCES NUMÉRIQUES INCLUSIVES

DevFest · Nantes · October 18, 2018

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Ce support de présentation a été conçu en anglais.
Certaines slides souffrent d'une absence de traduction.

Pardon my English! 😅

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https://noti.st/hiwelo/O6J03N

et si vous appréciez ce talk, n'hésitez pas à m'inviter dans vos meetup ou conférences
pour parler design inclusif, accessibilité ou représentation (queer 🏳️‍🌈) dans le web.

LISIBILITÉ & DESIGN:

CONSTRUISONS ENSEMBLE DES EXPÉRIENCES NUMÉRIQUES INCLUSIVES

Améliorer la lisibilité,
Pourquoi ?

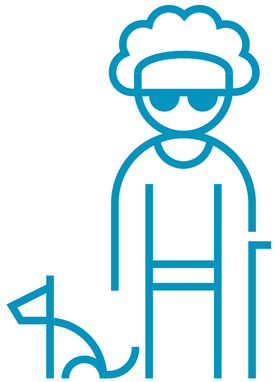
Lire est une action complexe.

Améliorer la lisibilité est

bénéfique pour tou·te·s

Les troubles de la lecture,
en bref :

Troubles de la vision



Cécité, Daltonisme

permanent

Infection oculaire

temporaire

Distraction visuelle

situationnel

Icônes Microsoft

Troubles cognitifs

Dyslexie
Hyperlexie
(Autisme / TDAH)

permanent

Aisance
linguistique

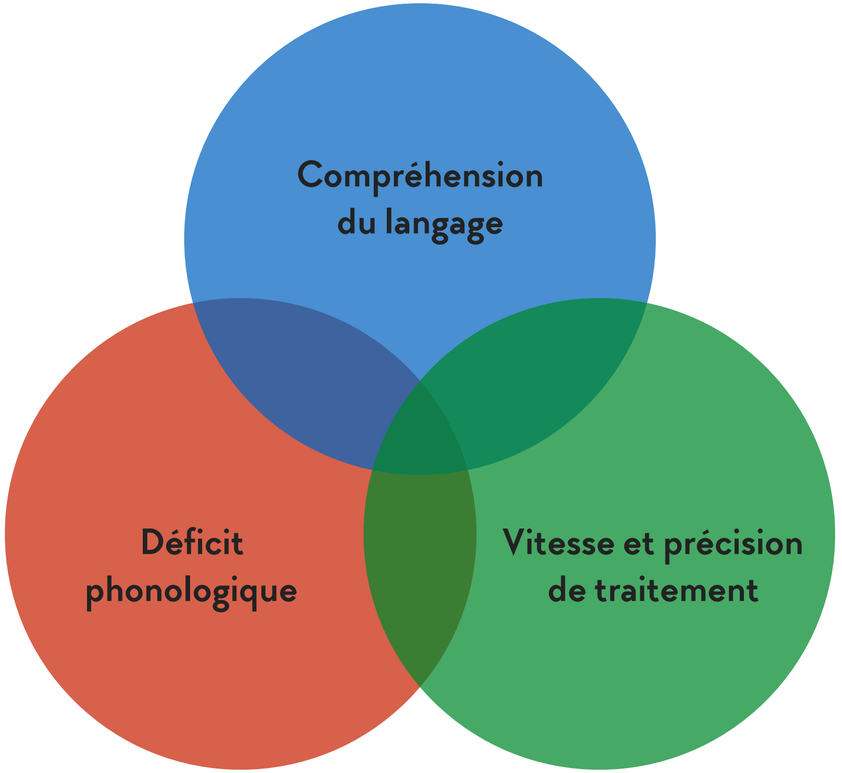
temporaire

Contexte
stressant

situationnel

Icônes Microsoft

Les principaux types de troubles de la lecture



Comment lisons-nous?

Notre capacité à lire dépend énormément du contexte dans lequel nous nous trouvons.

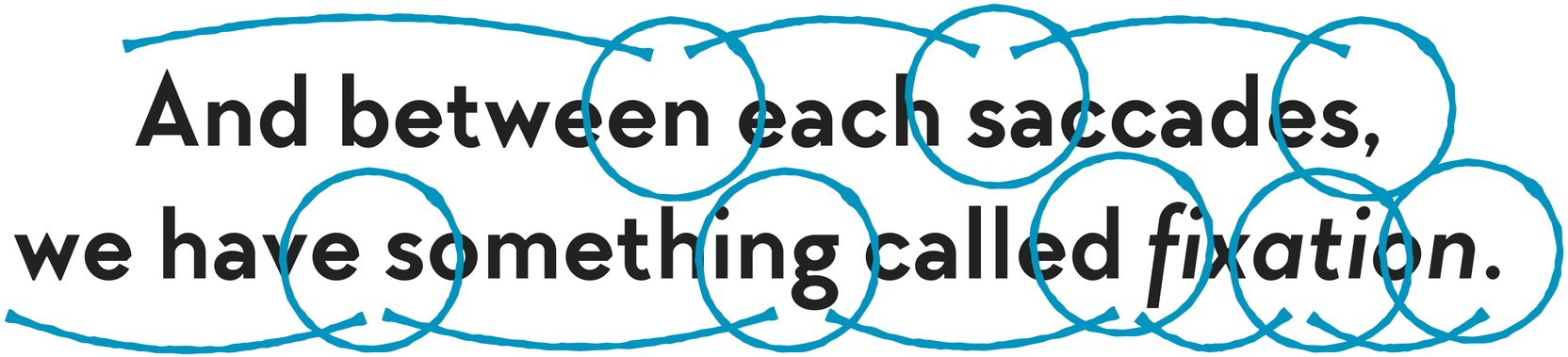
Notre capacité à lire est aussi influencée par la manière dont nos yeux fonctionnent.

L’œil humain est presqu’une sphère.

Les muscles oculaires entourent cette sphère provoquant des mouvements circulaires.

1/3 sec

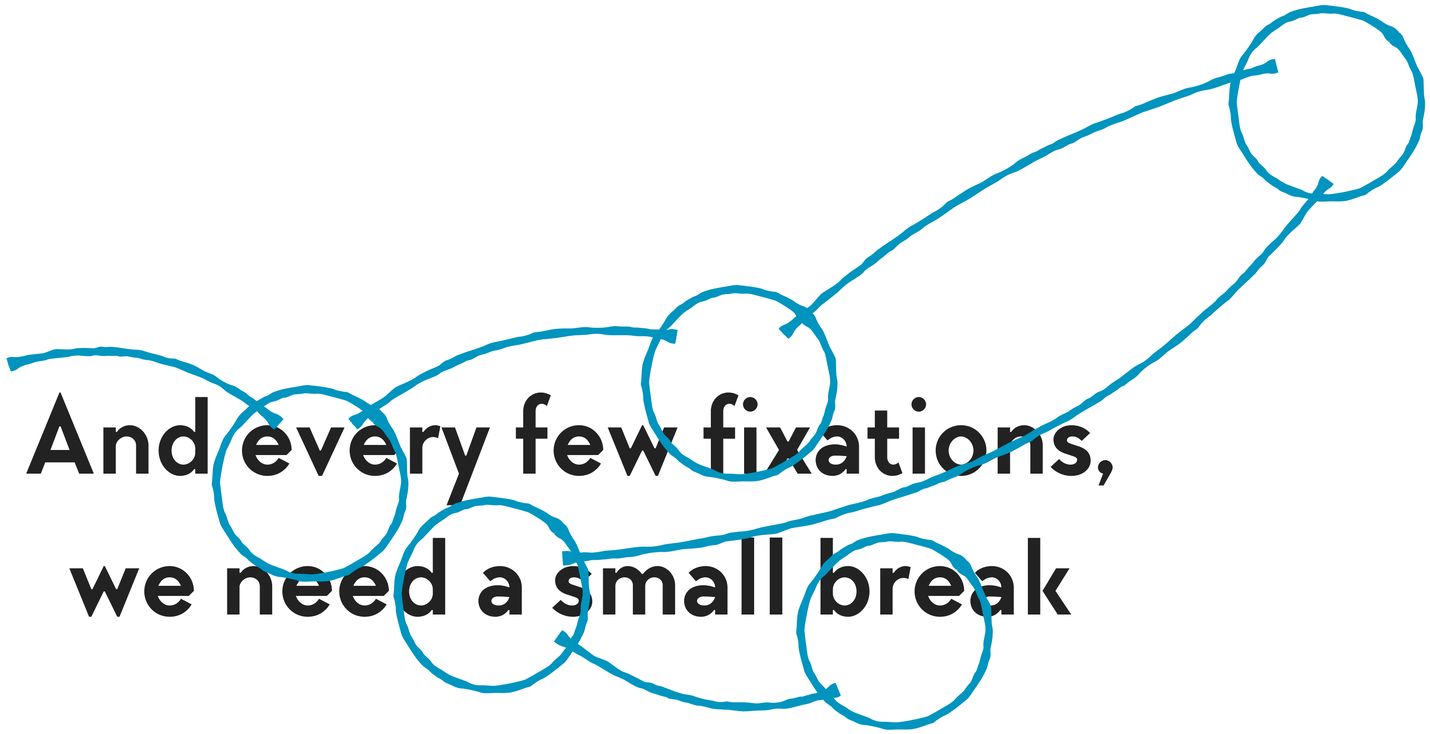
Reading is not linear, we are reading by *saccades*.


And between each saccades,
we have something called *fixation*.

Identification des détails

During a fixation, everything except the focus is blurry.

Identification des formes

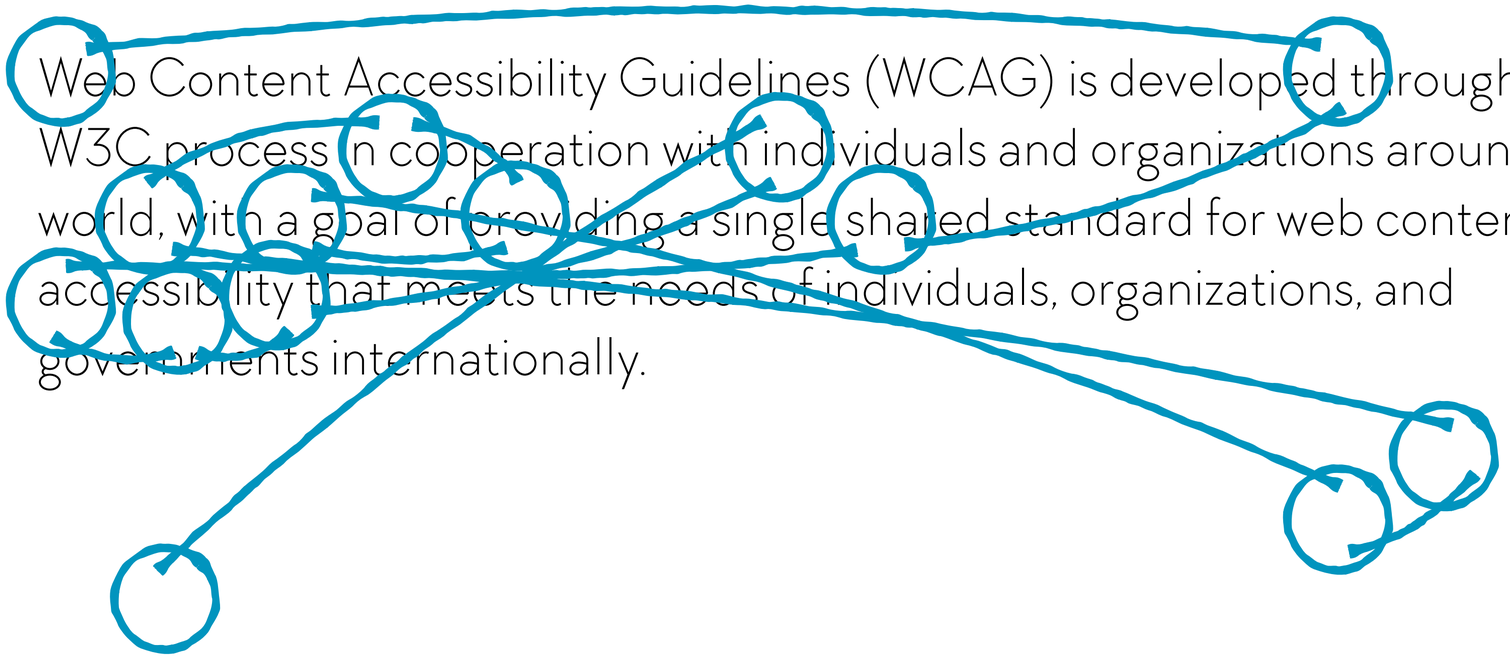


And every few fixations,
we need a small break

Saccades, fixations, pauses...

il n'y a rien de linéaire dans la manière dont nous lisons

Web Content Accessibility Guidelines (WCAG) is developed through the W3C process in cooperation with individuals and organizations around the world, with a goal of providing a single shared standard for web content accessibility that meets the needs of individuals, organizations, and governments internationally.



La plupart du temps, nous utilisons
la forme des mots pour les identifier

Traduction:
Nous ne lisons pas en mode “mot à mot”

Yuo cna porbalby raed tihs esaliy desptie teh msispeillgns.

You can probably read this easily despite the misspellings.

La forme des mots est définie par
les *traits caractéristiques* des lettres

Ces *traits caractéristiques* nous permettent de détecter plus rapidement les mots communs.

Readability

READABILITY

problem

porbelm

pbleorm

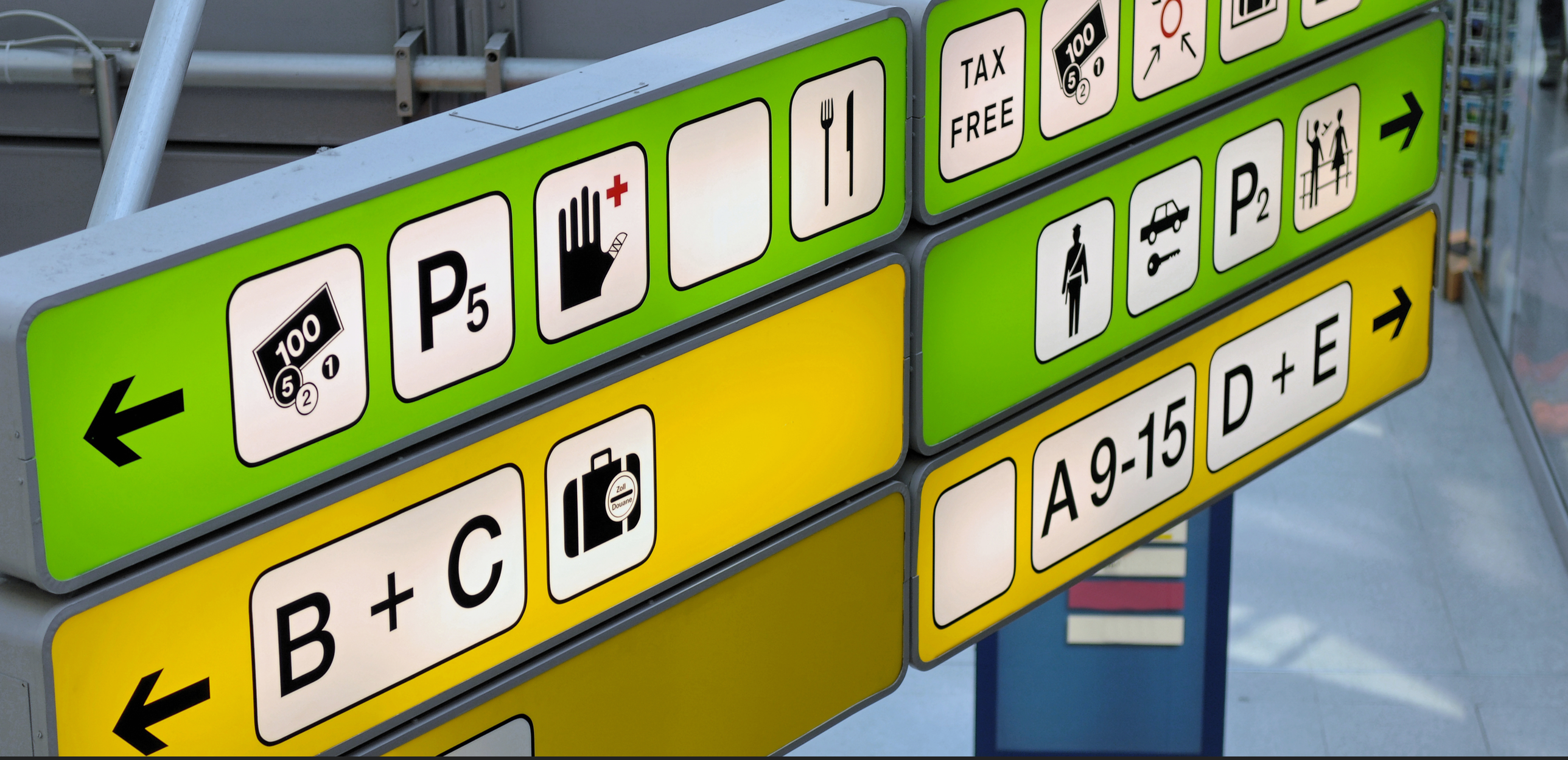
La forme d’un mot ou d’un objet est
l’une des première chose que nous analysons.

Lisibilité:
notions de base.

credits: Mijksenaar

Les 4C de la lisibilité

Continuité : information répétée jusqu'à l'objectif final



Conspicuité : information instantanément compréhensible

Cohérence : vocabulaire et styles persistants

Clarté : le message va droit au but

Lisibilité
& contenu web.

D’abord, Open Dyslexia

n’est pas vraiment une solution.

L’information la plus importante doit être dans les deux premiers paragraphes.

Utiliser des hiérarchies de titres

(pour permettre aux utilisateurs de rapidement scanner le contenu, quelque soit le matériel utilisé (visuel, screen readers, web rotors, etc.))

Débuter les titres avec
les mots porteur du sens.

Grouper les petits contenus similaires

avec un système visuel commun

Mettre en valeur les éléments importants

avec des systèmes de graisses et/ou de couleurs

Évitez les contenus trop génériques,
soyez spécifique (surtout pour les liens).

Soyez sémantique et visuels.

(par exemple, une liste doit apparaître comme une liste…)

Garder un layout constant peut motiver les utilisateurs à lire plus lorsqu'ils recherchent une information.

Garder un layout constant est nécessaire pour aider les personnes dys*, les troubles de l'attention et les personnes autistes.

Et enfin...

Diminuez vos contenus.

Et quand vous avez fini...

Retirez encore la moitié !

One Morning, When Gregor Samsa Woke

From troubled dreams, he found himself transformed in his bed into a horrible vermin. He lay on his armour-like back, and if he lifted his head a little he could see his brown belly, slightly domed and divided by arches into stiff sections. The bedding was hardly able to cover it and seemed ready to slide off any moment.

His many legs, pitifully thin compared with the size of the rest of him, waved about helplessly as he looked. “What’s happened to me?” he thought. It wasn’t a dream. His room, a proper human room although a little too small, lay peacefully between its four familiar walls.

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Let’s take a generic text

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Start by adding more hierarchy

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And remember, we always need more whitespace!

Quelques bons exemples.

AVOCODE

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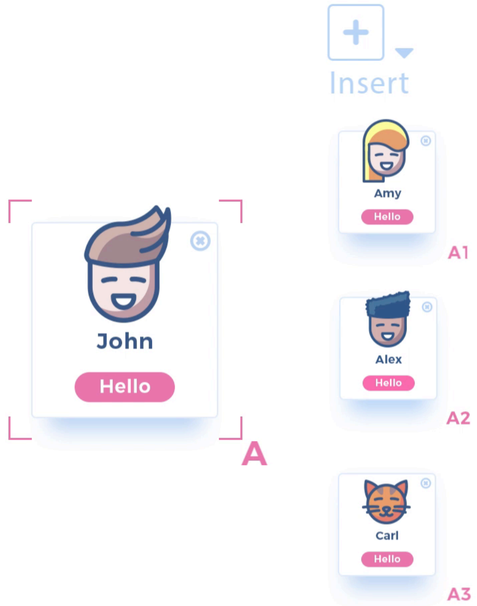
DESIGN COMPONENTS

Symbols are becoming a design standard

In April 2016, Sketch re-introduced Symbols to save designers more time.

- Sketch files saw 7.6x growth of Symbols usage
- Even Adobe Xd and Affinity Designer have introduced Symbols to keep up the pace

Learn more



Illustrated by Benjamin Bely

Sauf le contraste (😅), ce site est vraiment lisible et offre des animations légères.

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Dhimil Gosalia wrote

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JUNE 12, 2018 — As the size of data for each message in our system differs from a few bytes to up to 100MB, we needed a scalable solution that could support a multitude of scenarios. In this article, Dhimil Gosalia explains why you should consider building an in-house Pub/Sub service, too.

11 min read
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Merci beaucoup ! 🇫🇷

Thank you! 🇬🇧

Tack! 🇸🇪

Bedankt! 🇳🇱

Damien Senger

Product designer & ~~accessibility advocate~~ raccoon lover

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