

Principles *of* Accessible Web Design

Eric Eggert aka. @yatil — Fronteers Jam Session — Amsterdam

(Almost.)

**Everyone here
is disabled.**

(Or will be at some time.)



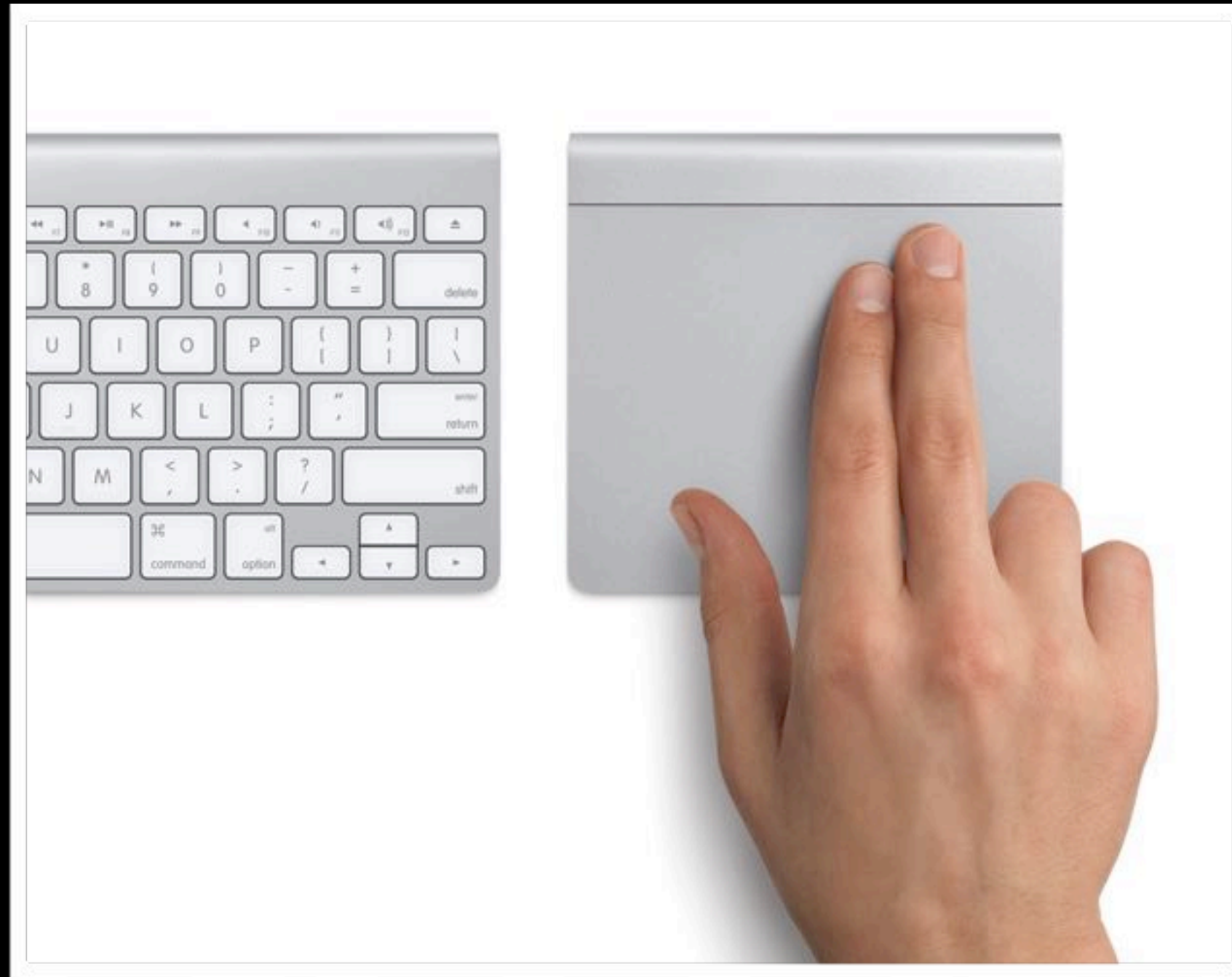


“People need not be limited by physical handicaps as long as they are not disabled in spirit.”

Different **input** mechanisms



Different **input** mechanisms



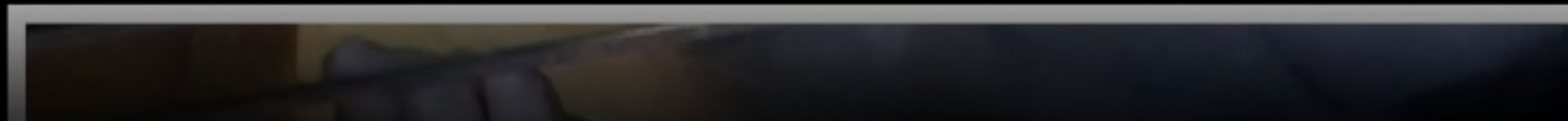
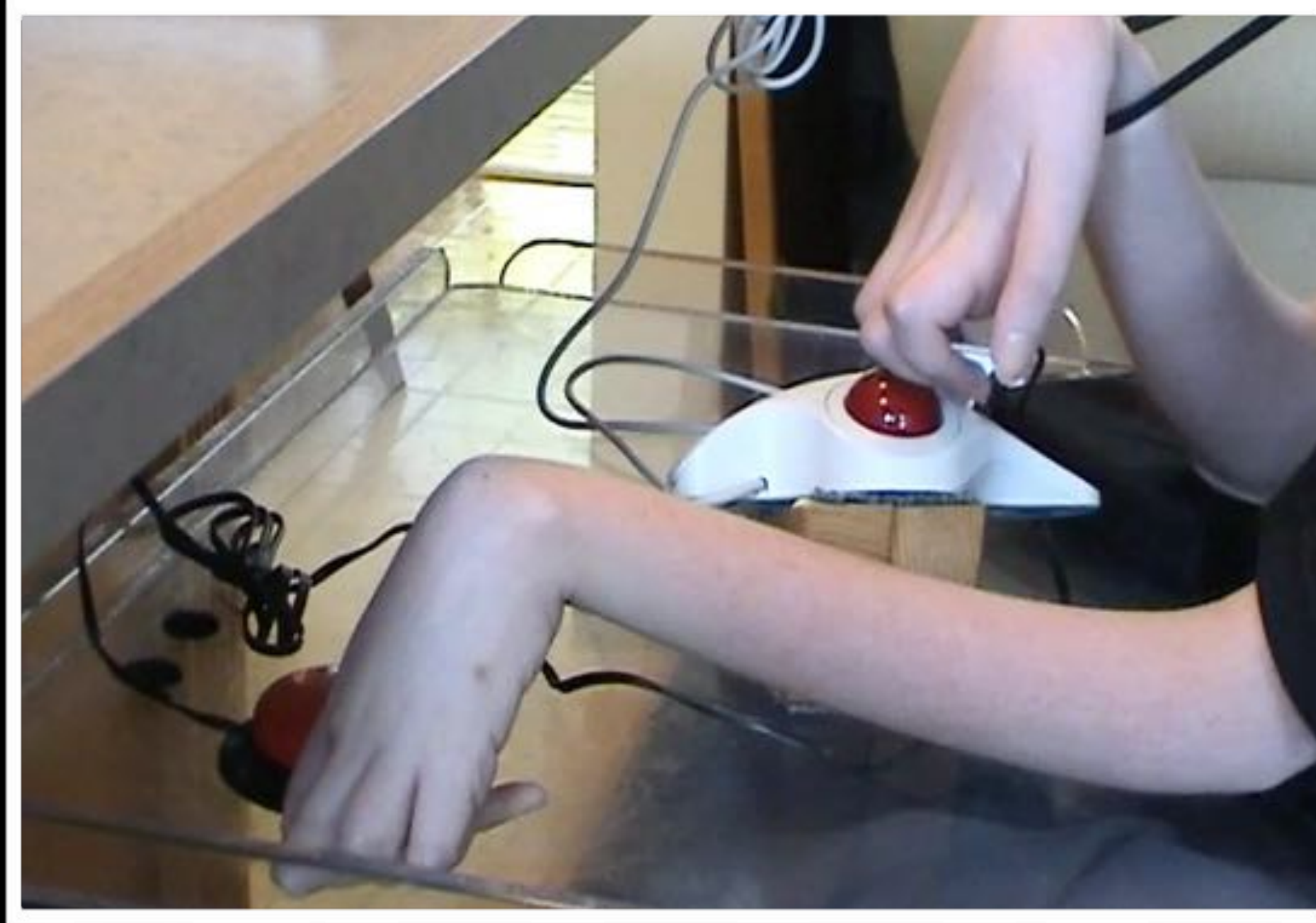
Different **input** mechanisms



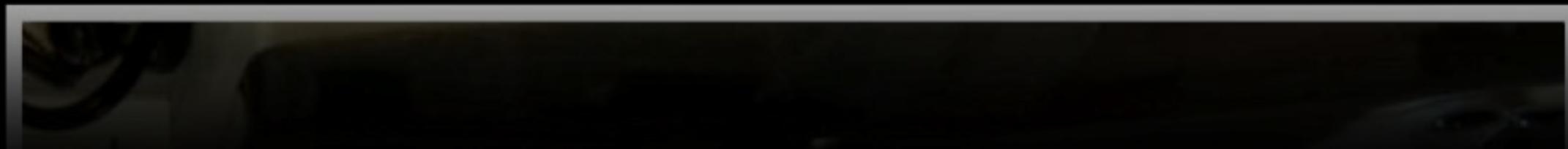
Different **input** mechanisms



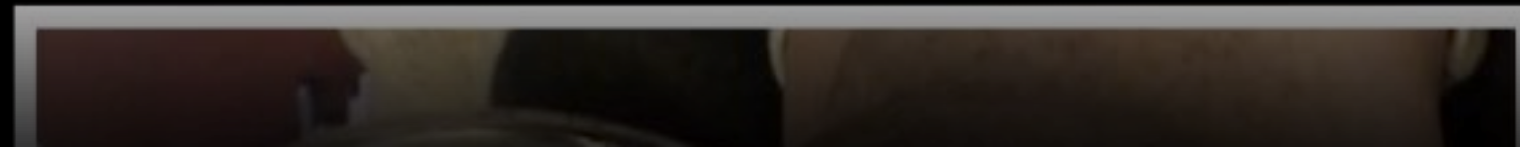
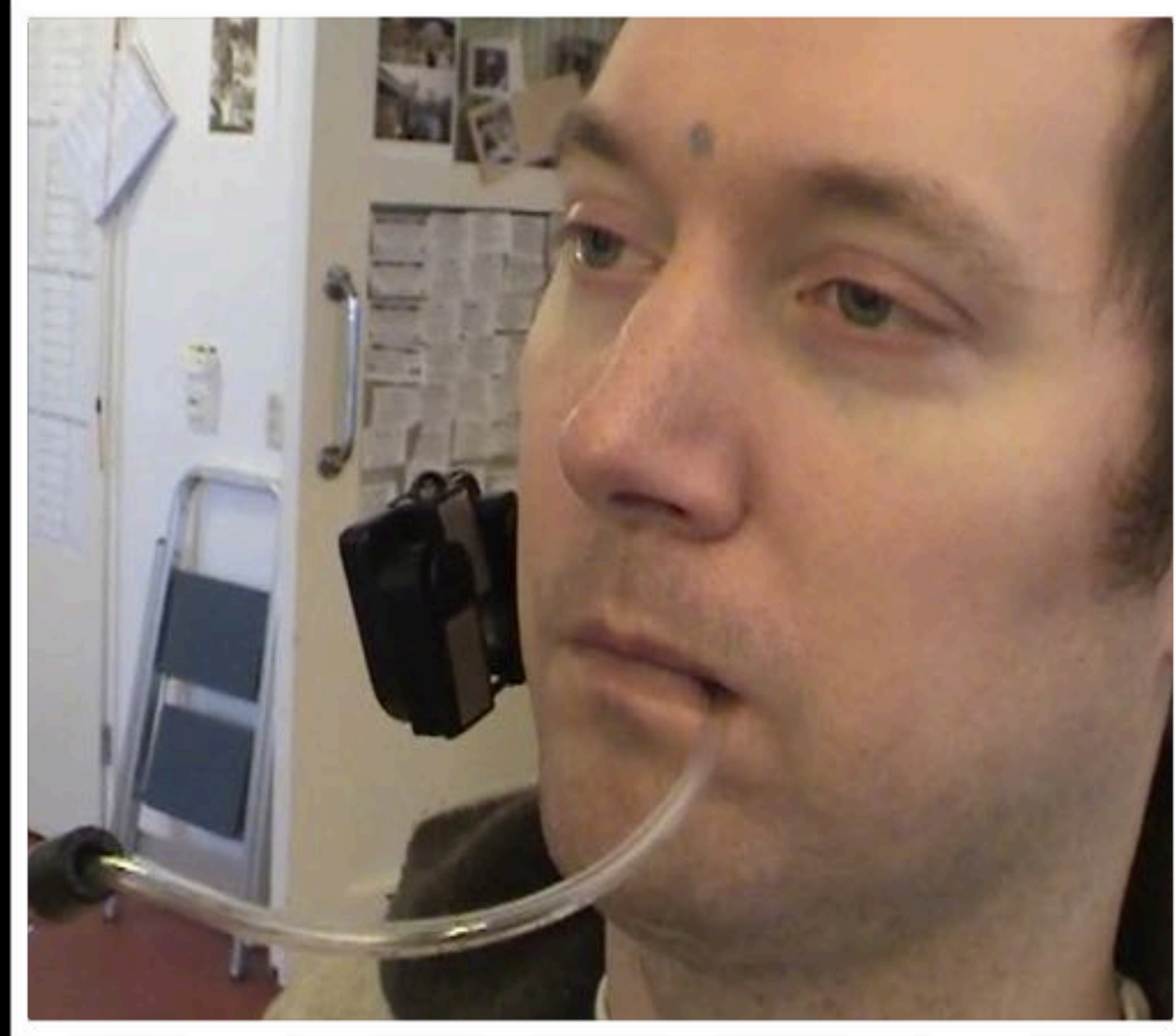
Different **input** mechanisms



Different **input** mechanisms



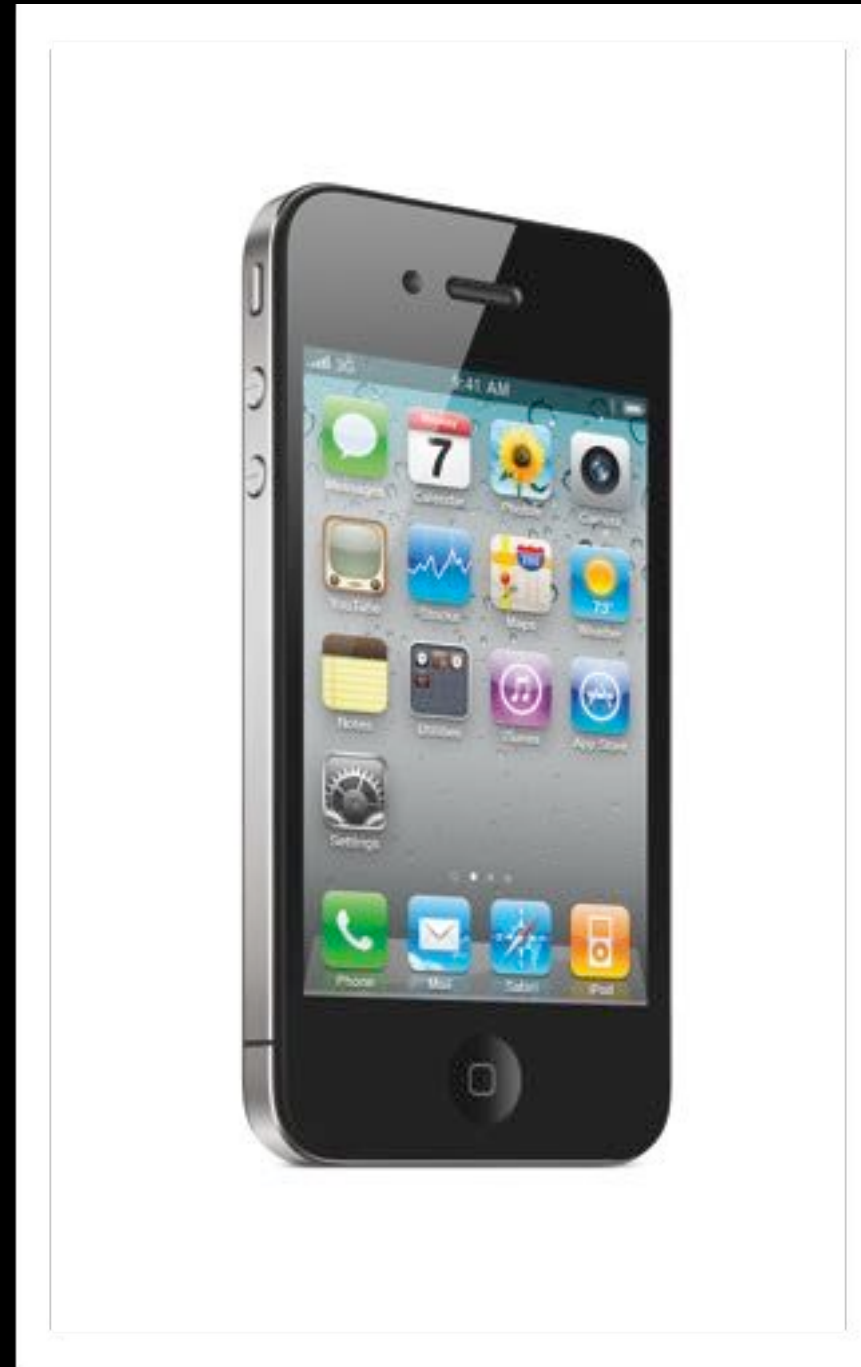
Different **input** mechanisms



Different **output** mechanisms



Different **output** mechanisms



Different **output** mechanisms



Different **output** mechanisms



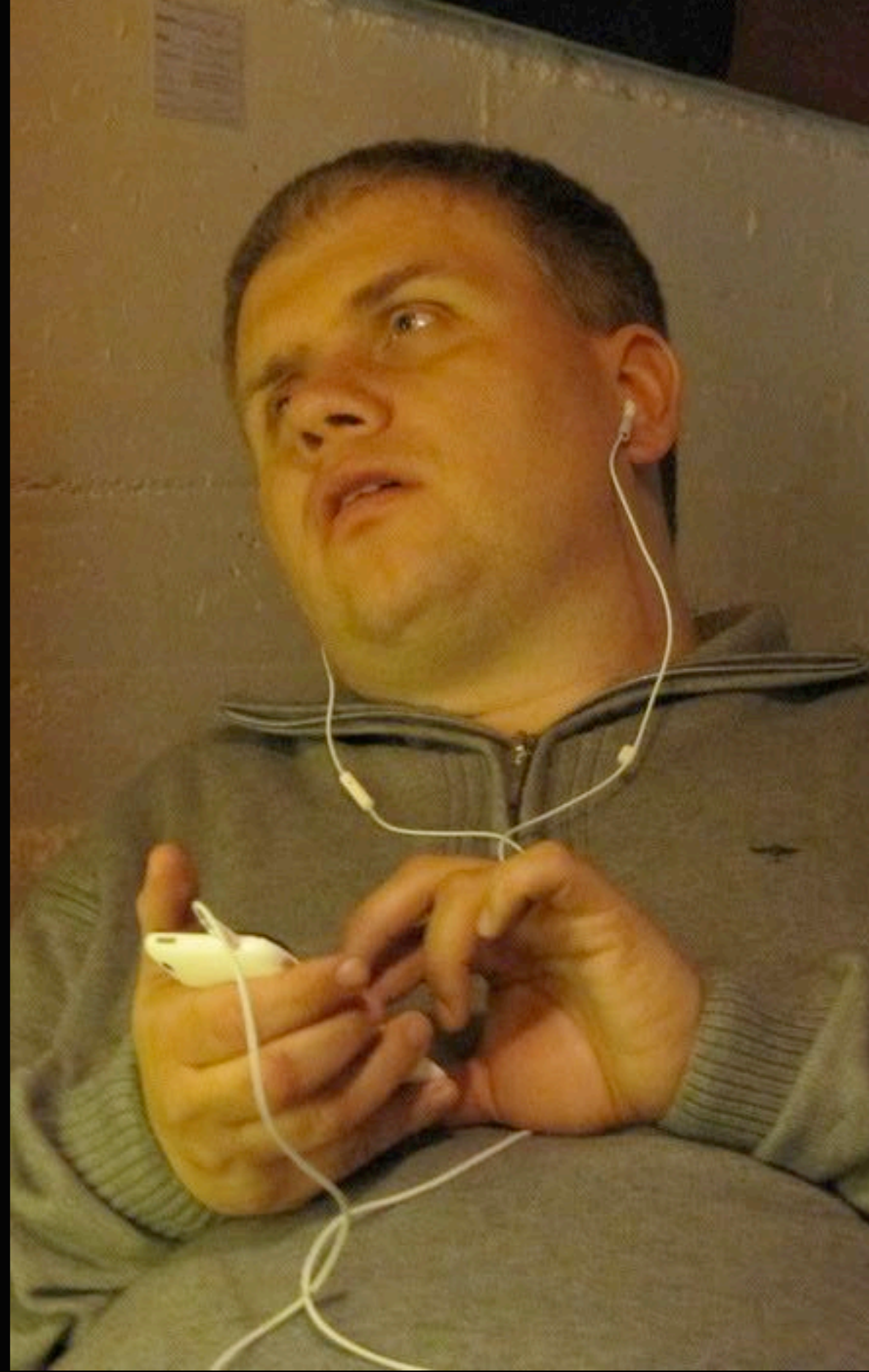
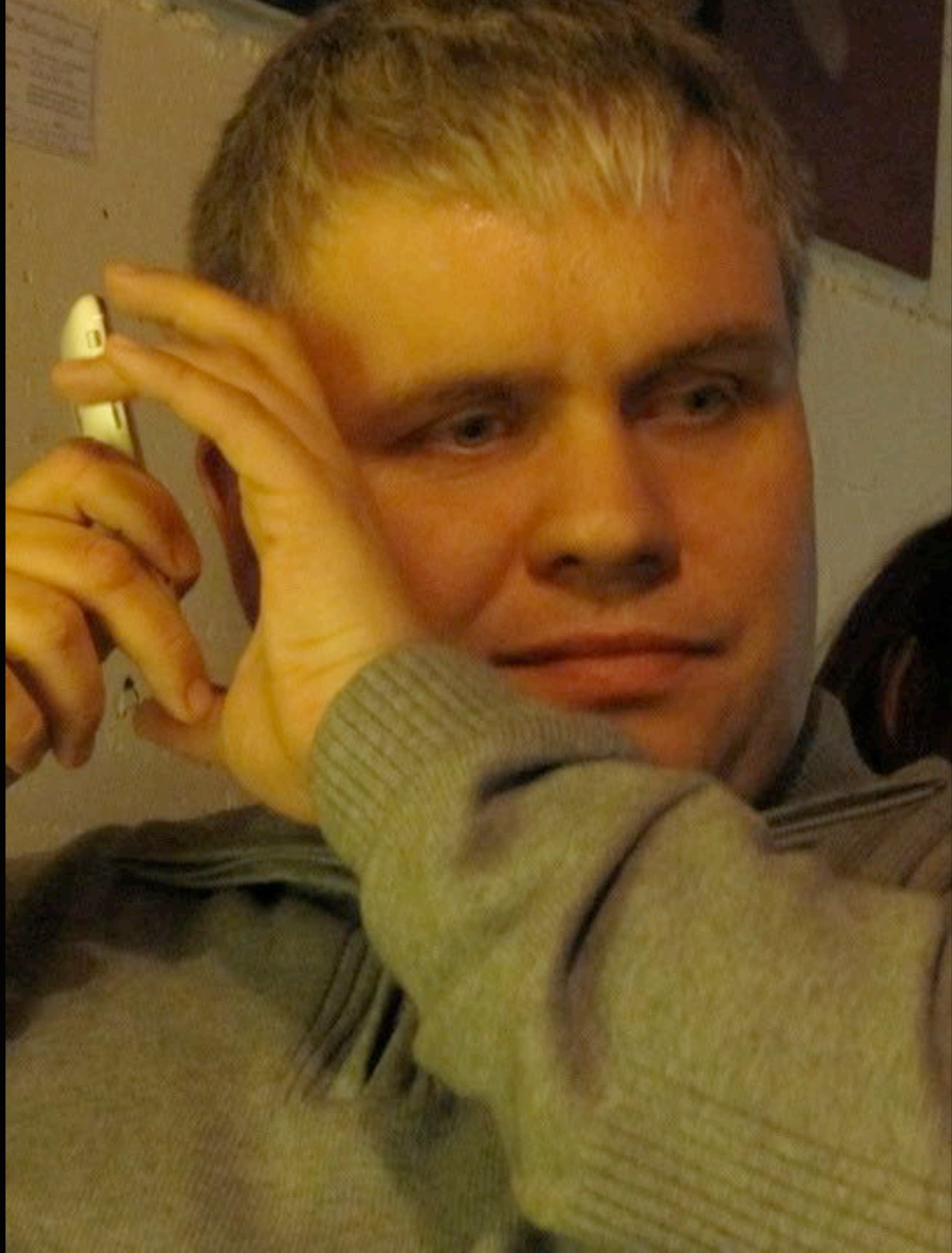
Different **output** mechanisms



Different **output** mechanisms



and autism types, working out there on the movie set too.



**We don't need special websites
for people with special
requirements.**

**Have you ever forgotten
to buy new batteries for
your mouse?**



HAUPTBAHNHOF WIEN

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ARCHITEKTUR

Die moderne Architektur des neuen Hauptbahnhofes wird von Helligkeit, Freundlichkeit und Komfort bestimmt sein. Das neue Stadtviertel wird höchsten Ansprüchen an Lebensqualität gerecht werden.

VERKEHRSDREHSCHIEBE

BAHNORAMA

Willkommen am
zukünftigen Wiener
Hauptbahnhof.

SPERRE WIEN SÜDBAHNHOF

Seit 13. Dezember 2009 ist der Wiener Südbahnhof gesperrt.

Die Provisorien Südbahnhof (Ostbahn) und Südbahnhof (S-Bahn) sind in Betrieb.

Bitte informieren Sie sich über die Änderungen in der Fahrgastinfo oder im ÖBB-CallCenter 05-1717

[»Zur Fahrgastinfo](#)

MEHR ALS EIN BAHNHOF ...

Auf einem Areal etwa so groß wie der 8. Wiener Gemeindebezirk - 109 Hektar - entsteht nicht nur eine neue Verkehrsstation, sondern ein ganzes Stadtviertel mit Wohnungen, Schulcampus und Park. [» mehr](#)



BAUSTART FÜR PROVISORIEN



Das zweite Halbjahr 2009 steht ganz im Zeichen der Errichtung von Provisorien und Vorbereitung von Umleitungsverkehren. Im Dezember - mit der Sperre des Südbahnhofes - werden diese in Betrieb genommen.

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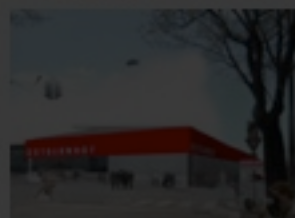
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









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TALKS

Temple Grandin: The world needs all kinds of minds

TED2010, Filmed Feb 2010; Posted Feb 2010

Subtitles Available in: English

About this talk

[Open interactive transcript »](#)

Temple Grandin, diagnosed with autism as a child, talks about how her mind works – sharing her ability to “think in pictures,” which helps her solve problems that neurotypical brains might miss. She makes the case that the world needs people on the autism spectrum: visual thinkers, pattern thinkers, verbal thinkers, and all kinds of smart geeky kids.

About Temple Grandin

Through groundbreaking research and the lens of her own autism, Temple Grandin brings startling insight into two worlds. [Full bio and more links](#)

What to watch next

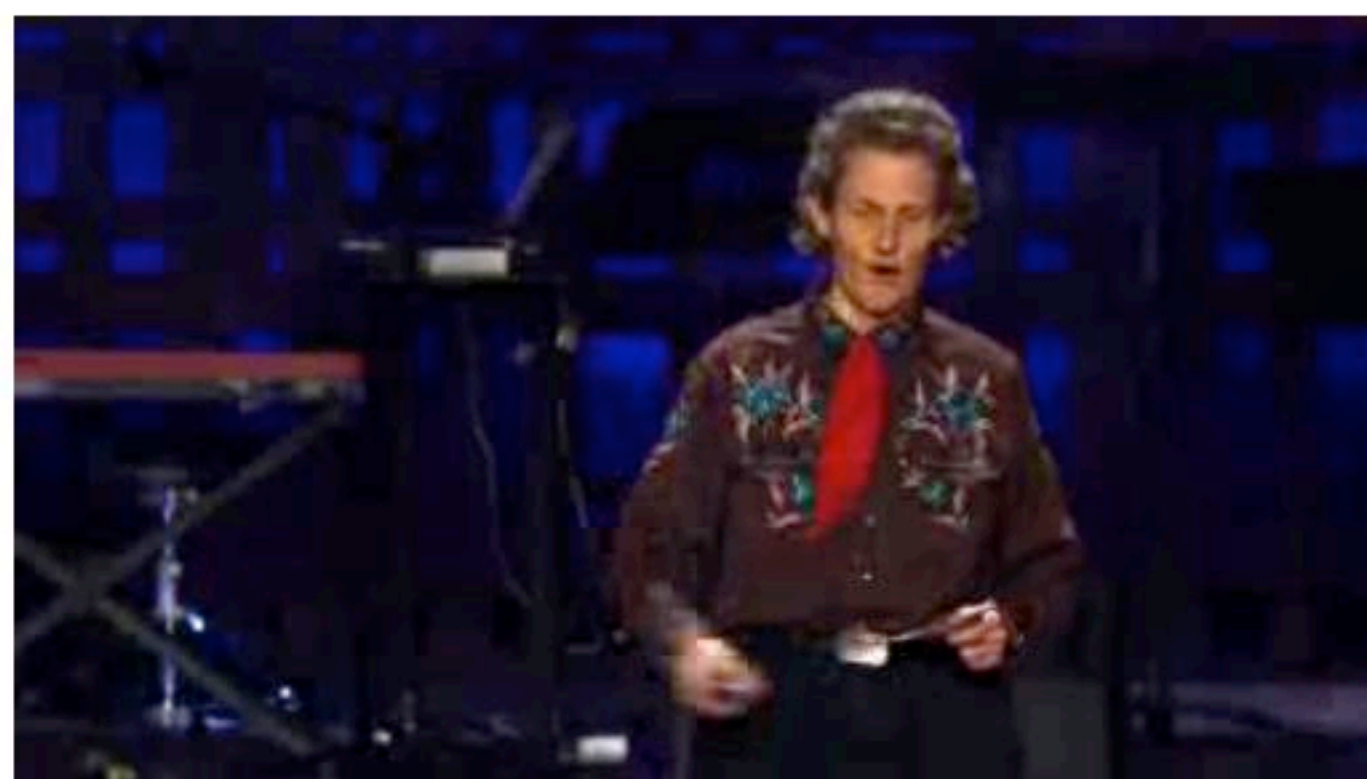


Other talks from "Tales of Invention"

TALKS

Temple Grandin: The world needs all kinds of minds

TED2010, Filmed Feb 2010; Posted Feb 2010



Subtitles Available in: 1 language [Off]

Interactive Transcript

[Close Transcript](#)

English

Click on any phrase to play the video from that point.

I think I'll start out and just talk a little bit about what exactly autism is. Autism is a very big continuum that goes from very severe, the child remains non-verbal, all the way up to brilliant scientists and engineers. And I actually feel at home here. Because there is a lot of autism genetics here. You wouldn't have any... (Applause)

It's a continuum of traits. When does a nerd turn into Asperger, which is just mild autism? I mean Einstein and Mozart and Tesla, would all be probably diagnosed as autistic spectrum today. And one of the things that is really going to concern me is getting these kids to be the ones that are going to invent the next energy things, now, that Bill Gates talked about this morning.

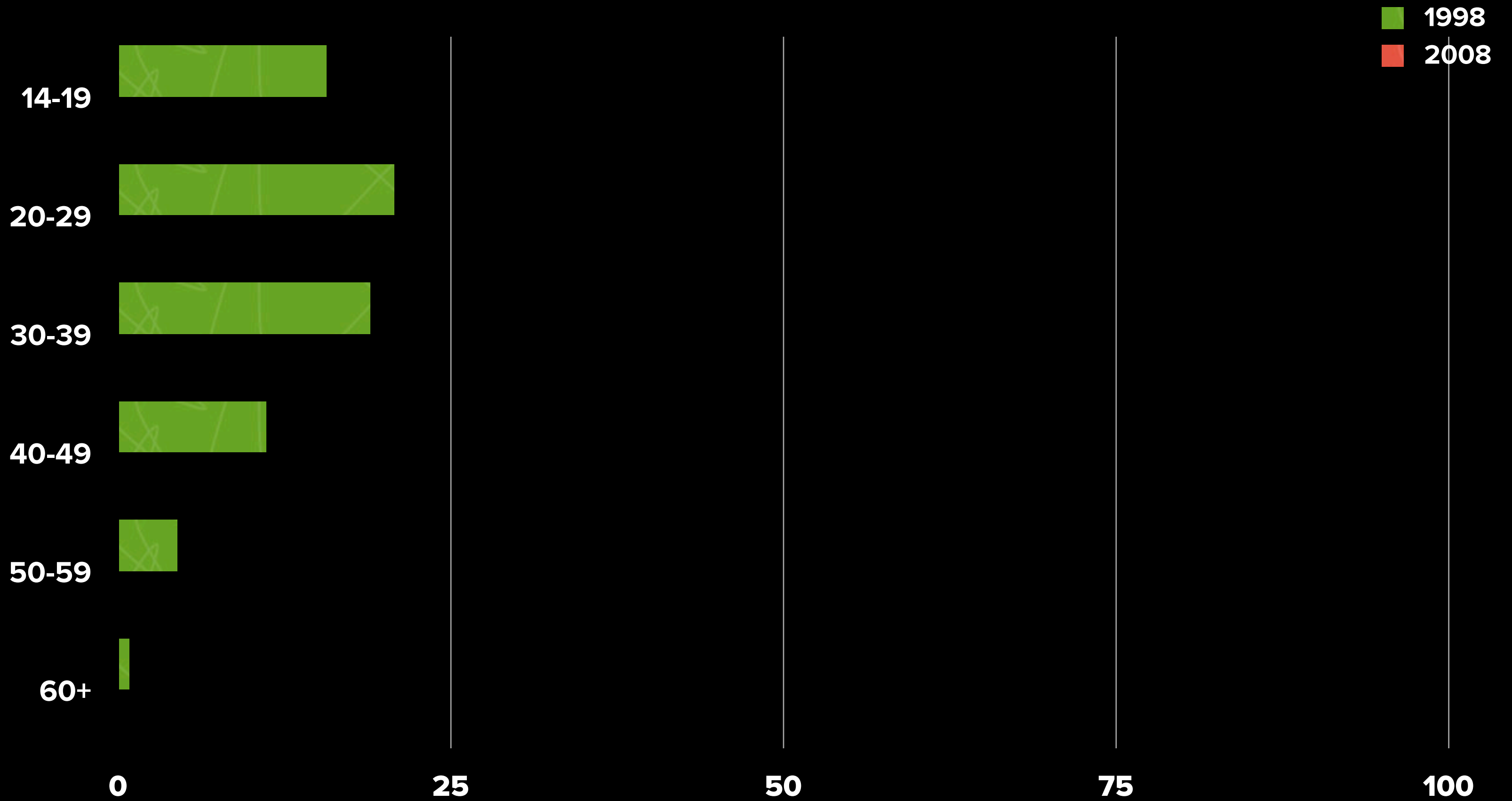
Okay. Now, if you want to understand autism, animals. And I want to talk to you now about different ways of thinking. You have to get away from verbal language. I think in pictures. I don't think in language. Now, the thing about the autistic mind is it attends to details. Okay, this is a test

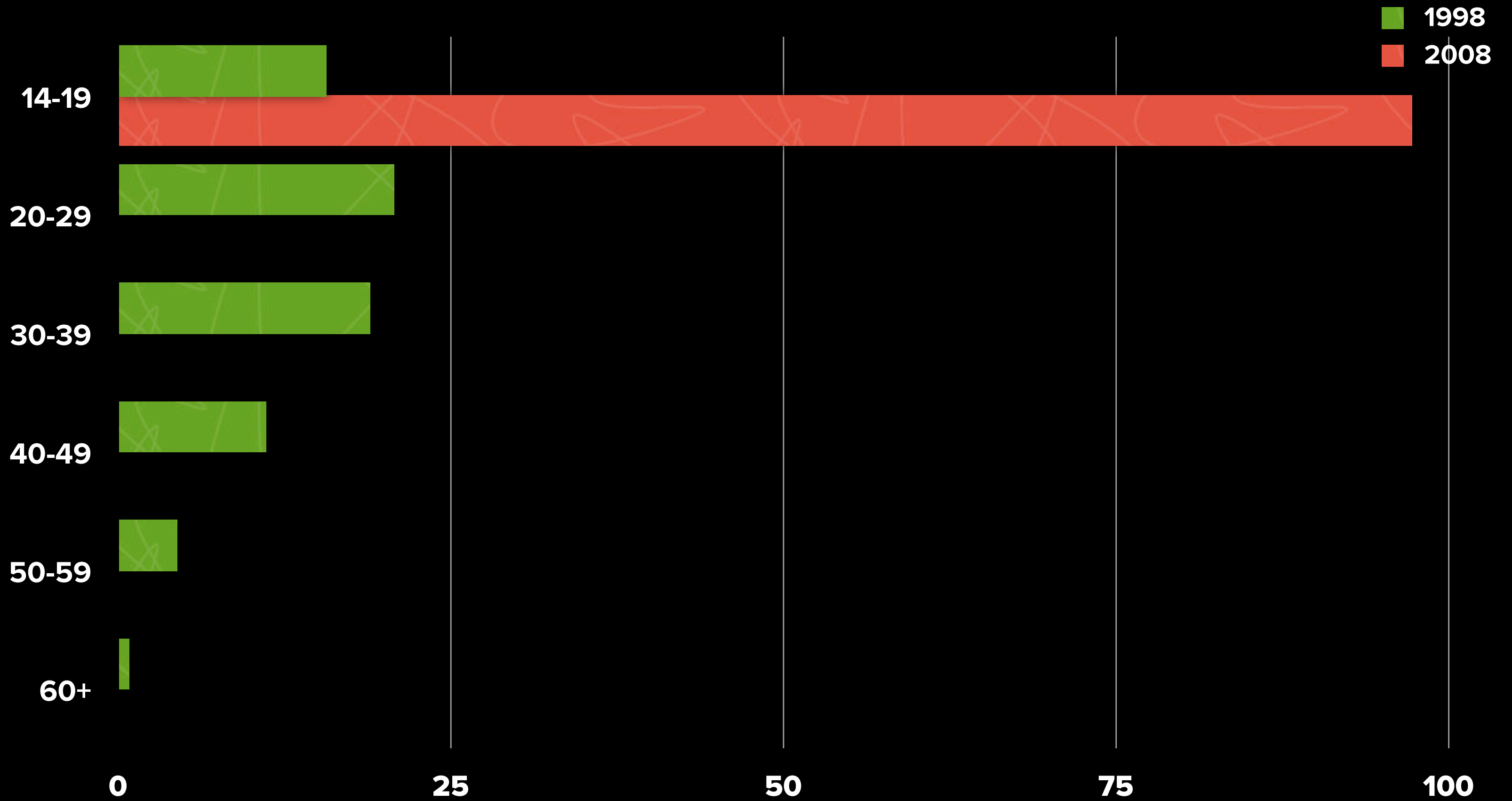
What to watch next

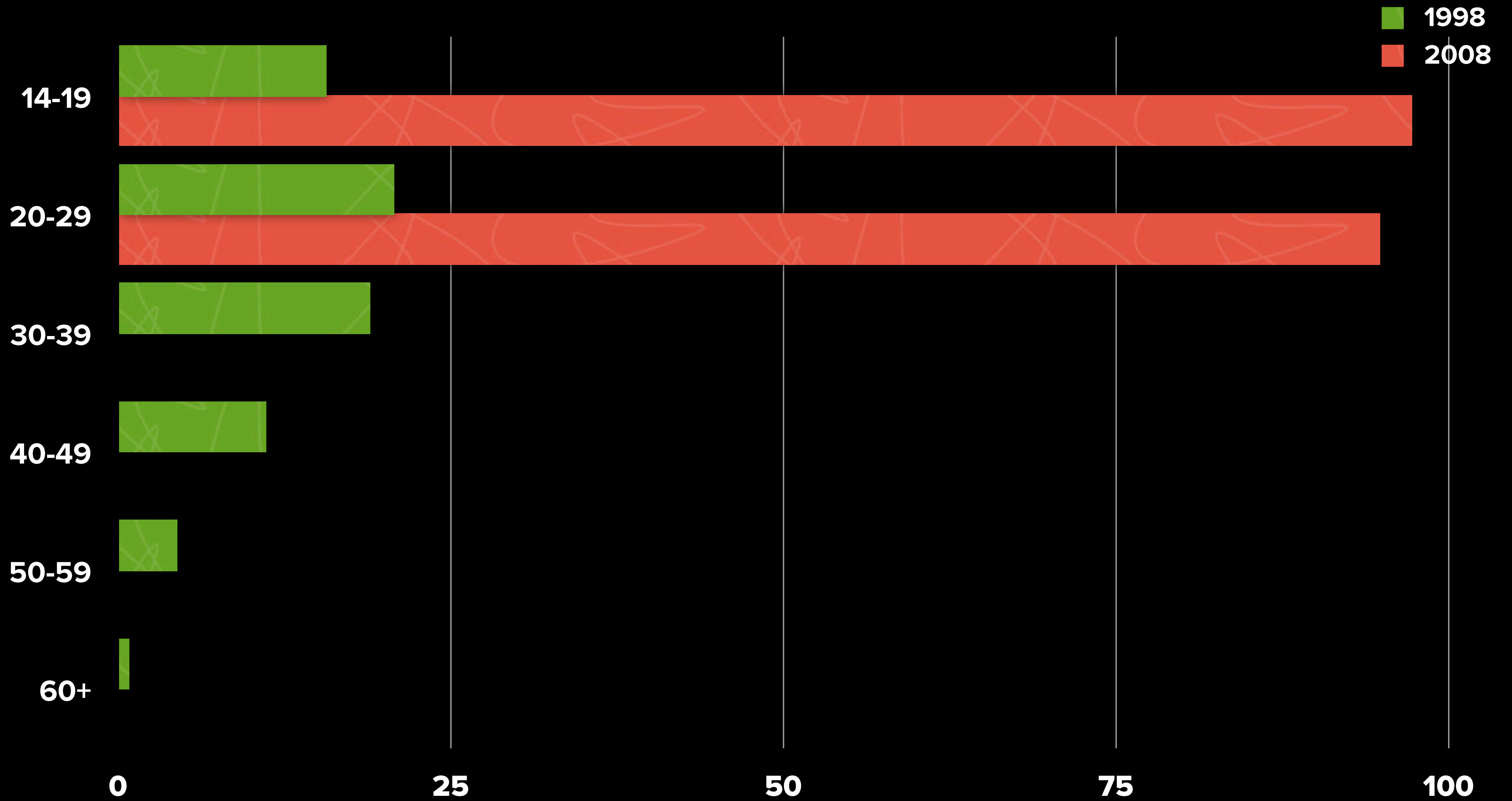
**Accessible websites
help everyone.**

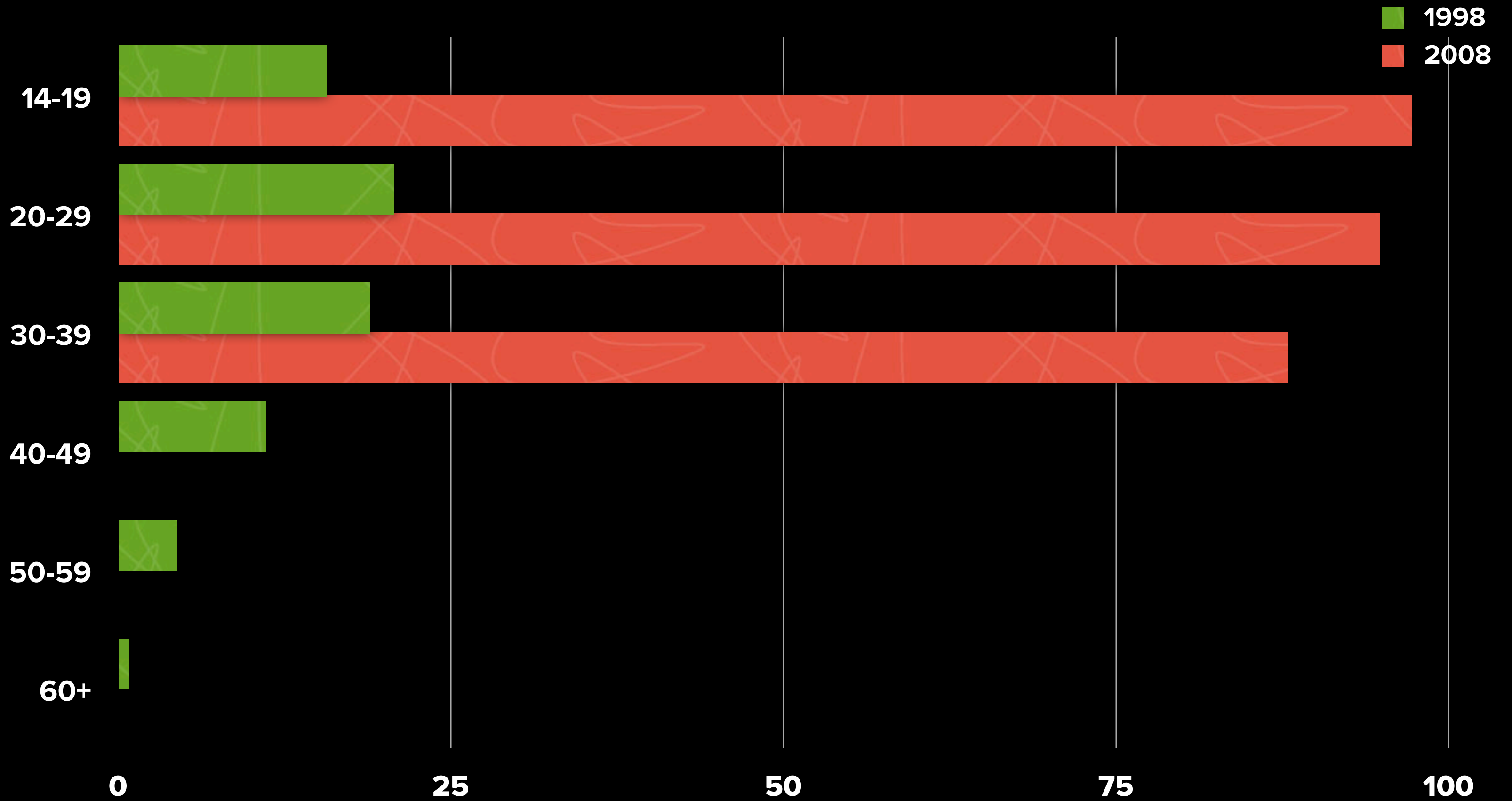


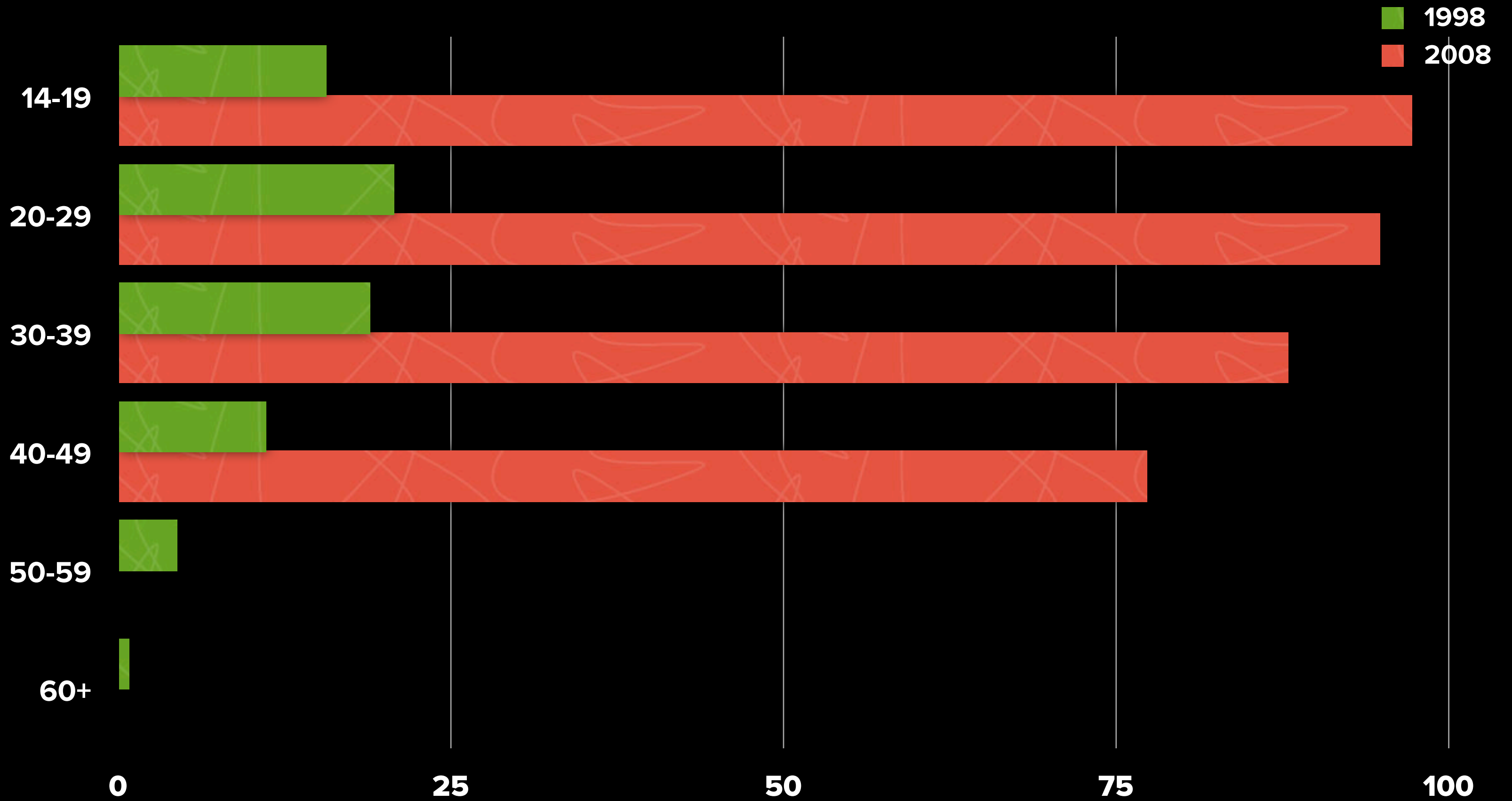
**We are designing
the web
for our
future selves.**

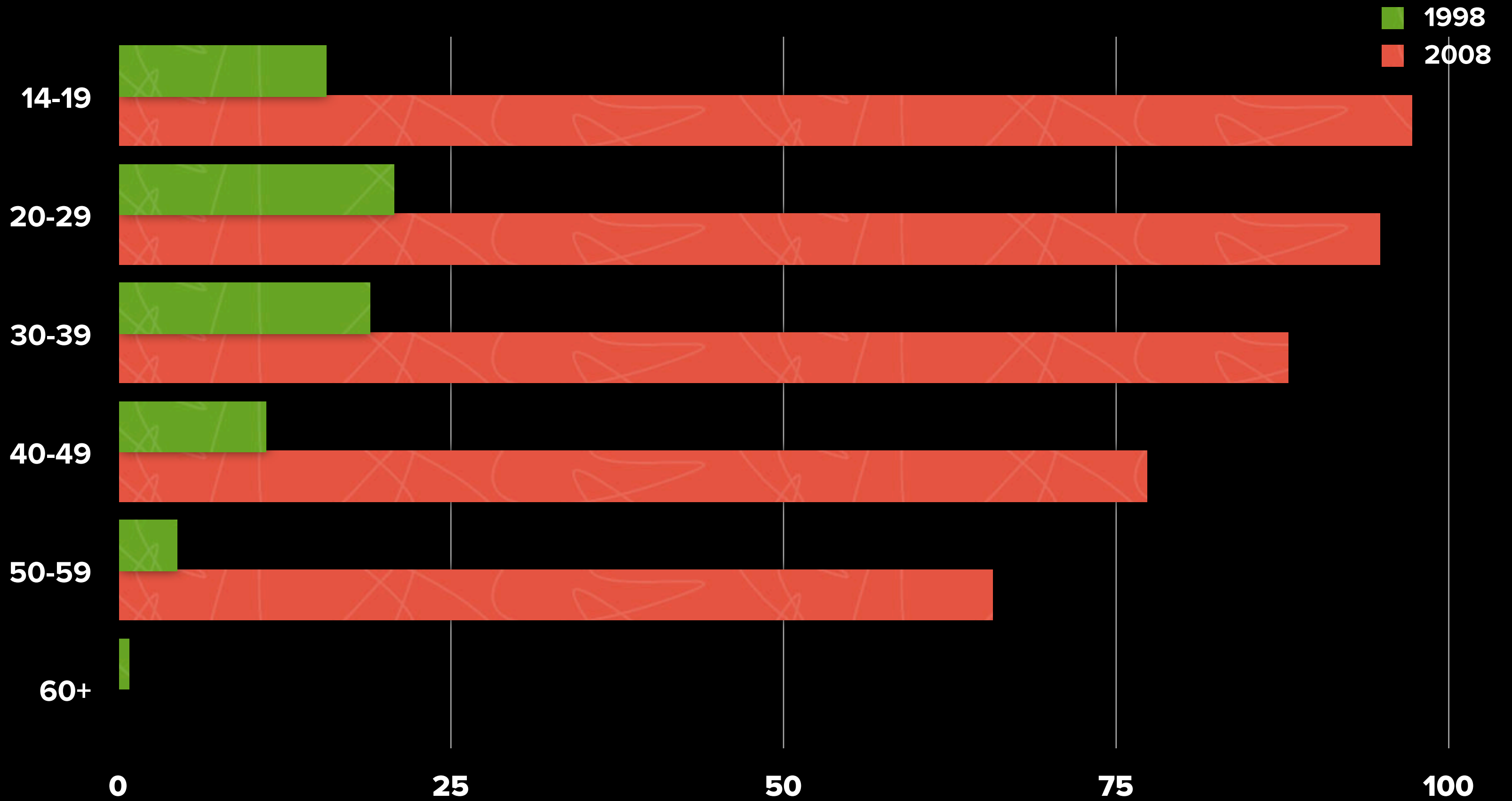


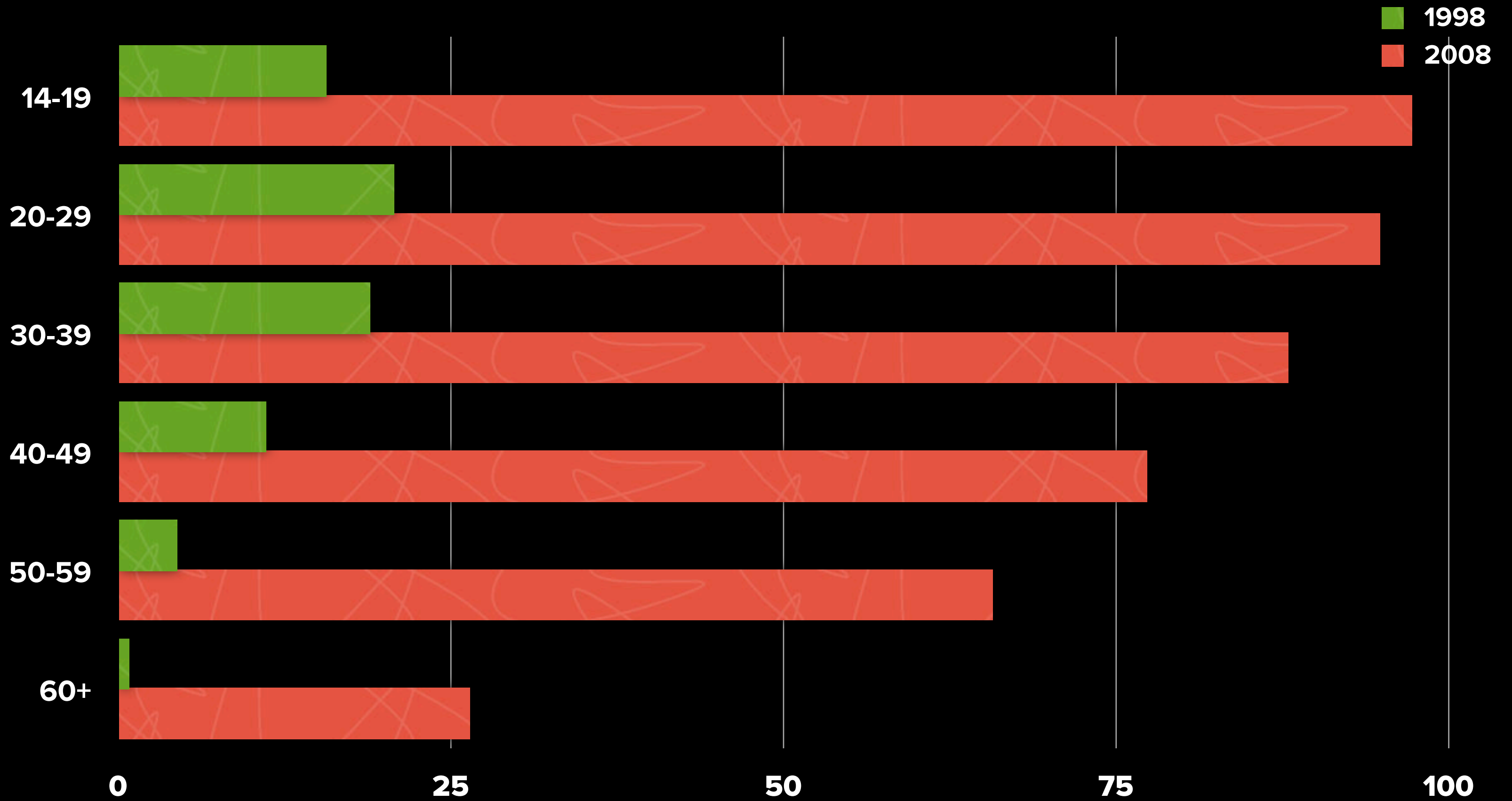












What can we do?

Don't use Flash.

**It isn't working on most mobiles.
It isn't „working“ on most PCs either.**

**It can be made accessible
on Windows and IE only.**

POSH5 & POUR

→ Plain Old Simple HTML5

POSH5 & POUR

→ Plain Old Simple HTML5

POSH5 & POUR

Perceivable, Operable, Understandable, Robust ←

POSH5

Use the best HTML5 Element
available for the task at hand.

HTML5

Includes many accessibility features
(although others claim otherwise).

It is not the spec to look to when searching
for web accessibility techniques.

WCAG2

Is the spec for accessible web content.

Provides an exhaustive list of techniques to make web content accessible.

Perceivable
Operable
Understandable
Robust

Customize this Quick Reference

Technologies:

- HTML Techniques (always shown)
- Show CSS techniques and failures
- Show SMIL techniques and failures
- Show Client-side Scripting techniques and failures
- Show Server-side Scripting techniques and failures
- Show WAI-ARIA techniques and failures

Levels:

- Show Level A Success Criteria
- Show Level AA Success Criteria
- Show Level AAA Success Criteria

Sections:

- Show Sufficient Techniques and Failures
- Show Advisory Techniques

Save Settings Option:

- Save these settings (requires cookies)

Customize with Settings Above

And now: Sharky

mail: mail@yatil.de

twitter: @yatil

And now: Sharky



mail: mail@yatil.de

twitter: @yatil