GAAD 2022: Virtual Accessibility Awareness Lab

Accessibility Awareness

There are as many ways to experience the web as there are people in the world. The purpose of accessibility awareness is to understand that there is a group of people who experience digital in ways we might not be aware of. This is the beginning of the journey of embracing that difference and figure out which questions we can ask to include those individuals in the products we create.

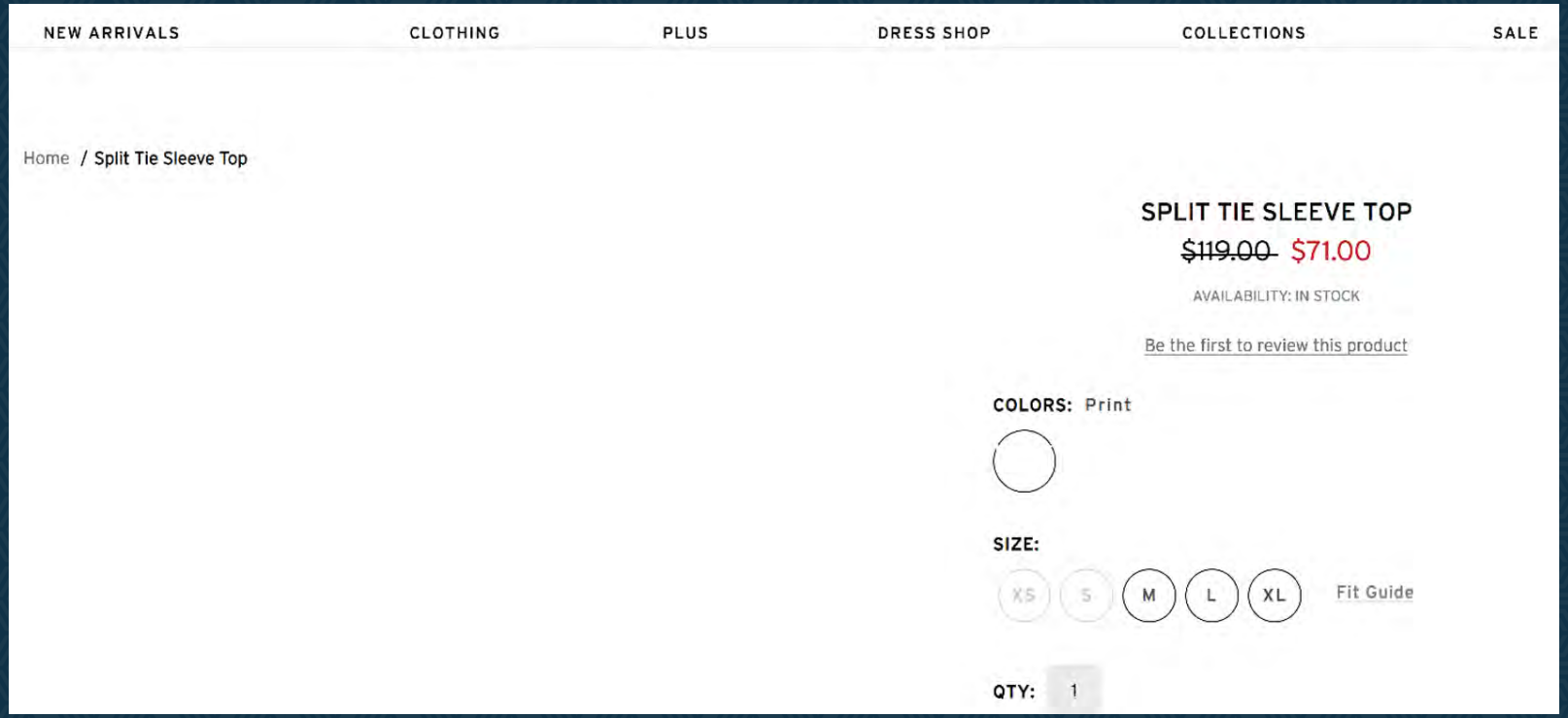
Accessibility Awareness

What is Digital Accessibility?

- Review YouTube video: **https://youtu.be/grrx2Lva7T0**

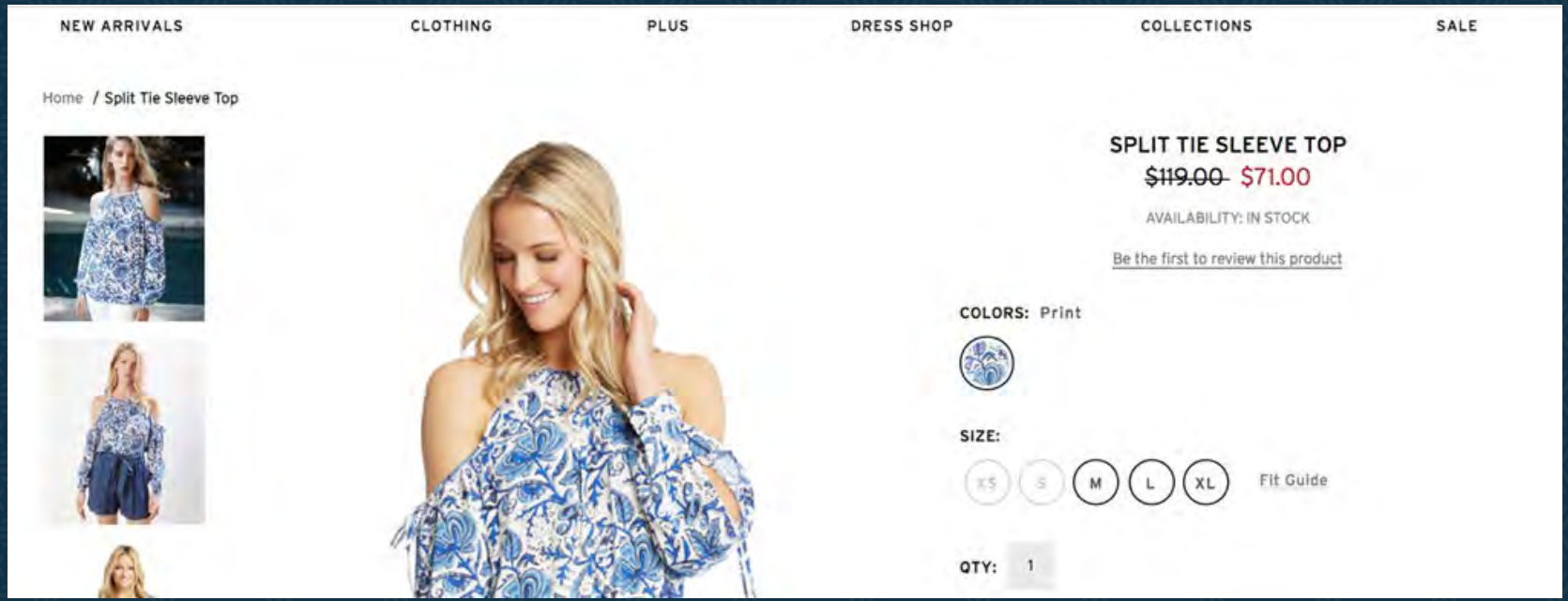
Accessibility Awareness

Would you buy this product?



Accessibility Awareness

How about this product?



Accessibility Awareness

Accessible Digital Content

- Review the following YouTube video:
  https://youtu.be/41m4CNgHSZA

Using a Screen Reader

Experiencing someone using a Screen Reader is insightful. The purpose of this experience is for us to better understand how someone might use the data provided on the web. We want to encourage the participant to feel comfortable to ask questions you might have during the demonstration.

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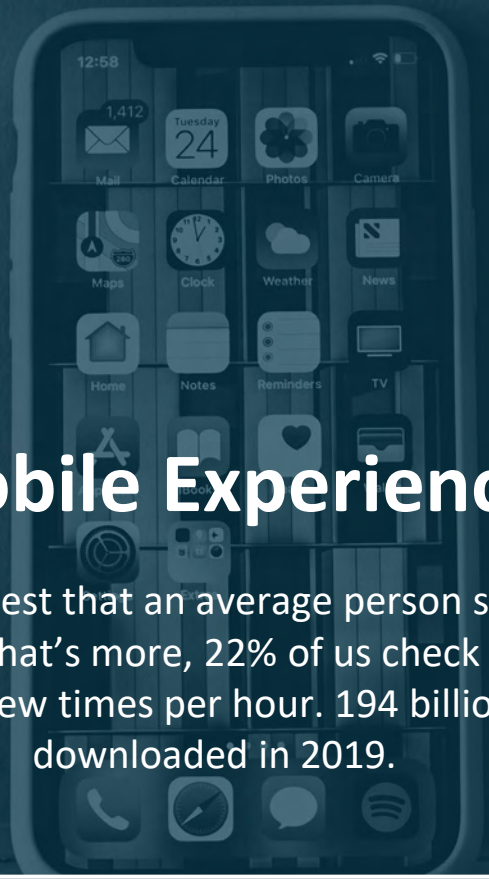


Mobile Experience

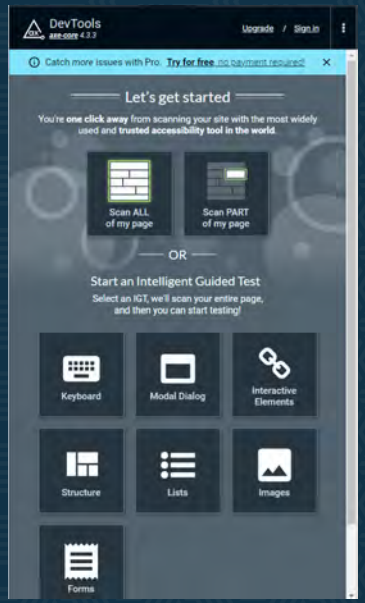
Smartphone usage statistics suggest that an average person spends 2 hours and 51 minutes per day on their mobile device. What's more, 22% of us check our phones every few minutes, and 51% of users look at it a few times per hour. 194 billion mobile phone apps were downloaded in 2019.

Time for Action

Understanding that making our digital assets accessible to everyone is important. What are some things we can do today to change the world for others?

Web accessibility testing basics

axe Devtools Extension



As a free tool for Chrome and Firefox as **Axe**, but without the full-fledged of Intelligent Guided Testing.

For the purpose of our training, it's in your best interest to use it with Google Chrome as you can take advantage of Intelligent Guided Testing later if you want.

axe Devtools Extension
https://www.deque.com/axe/browser-extensions/

Keyboard access

Take the no-mouse challenge

Let’s look at some of the pages in your application or product. To see of they show any obvious accessibility concerns form a keyboard navigation standpoint.

Can you identify any glaring issues with keyboard navigation?

Keyboard access

Putting it into practice

TAB	Moves from one active element to the next, down the DOM order
SHIFT + TAB	Moves from one active element to the next, up the DOM order
ARROW KEYS	Cycles through related controls, such as radio buttons, selects & tabs
SPACE BAR	Toggles states of specific controls, such as checkboxes and buttons
ENTER KEY	Triggers specific controls, such as submit buttons and links
ESCAPE KEY	Dismisses dynamically displayed objects, such as modals and tooltips

Importance of Accessible Digital Content

Many examples talked about today are about someone not being able to purchase something they want. Inaccessible content has affected many things that are important to everyone.

- Voting
- Money Management
- Privacy

Any questions?

Now’s your chance!

Accessibility Awareness

Your own personal commitment

Take a moment to write down what you feel was your top “wow” moment from the Awareness Lab.

What is the one thing you are willing to commit to doing or changing **WITHIN ONE WEEK**?

Thank You!

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