

The medium

Information visualization

[Source: Lewis Chou](#)
[Data Visualization for Large Screen](#)



Large screens



Wearables



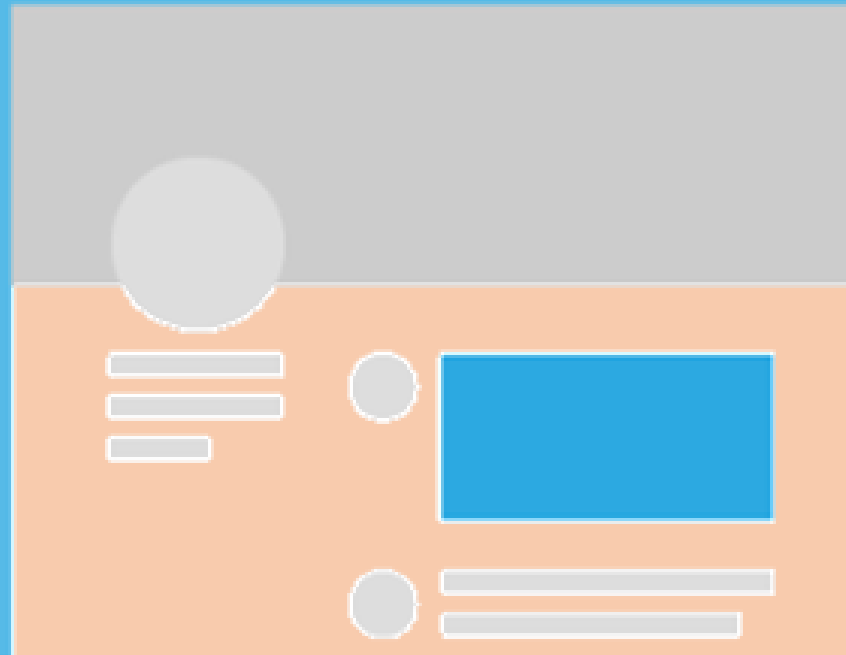
Smart TVs



Mobile, tablet or desktop



In-Stream Photo: Minimum 440 x 220 (2:1 Ratio)



Social networks

Things to consider



Canvas size and
resolution



File size



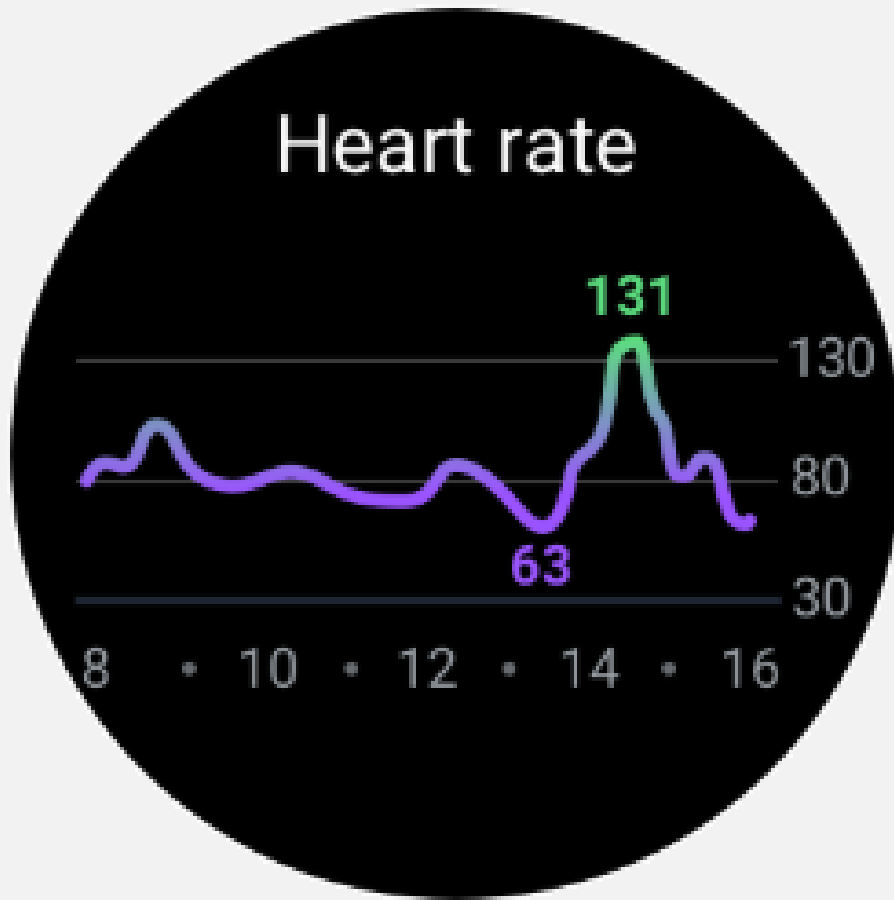
Controls



Processing capability

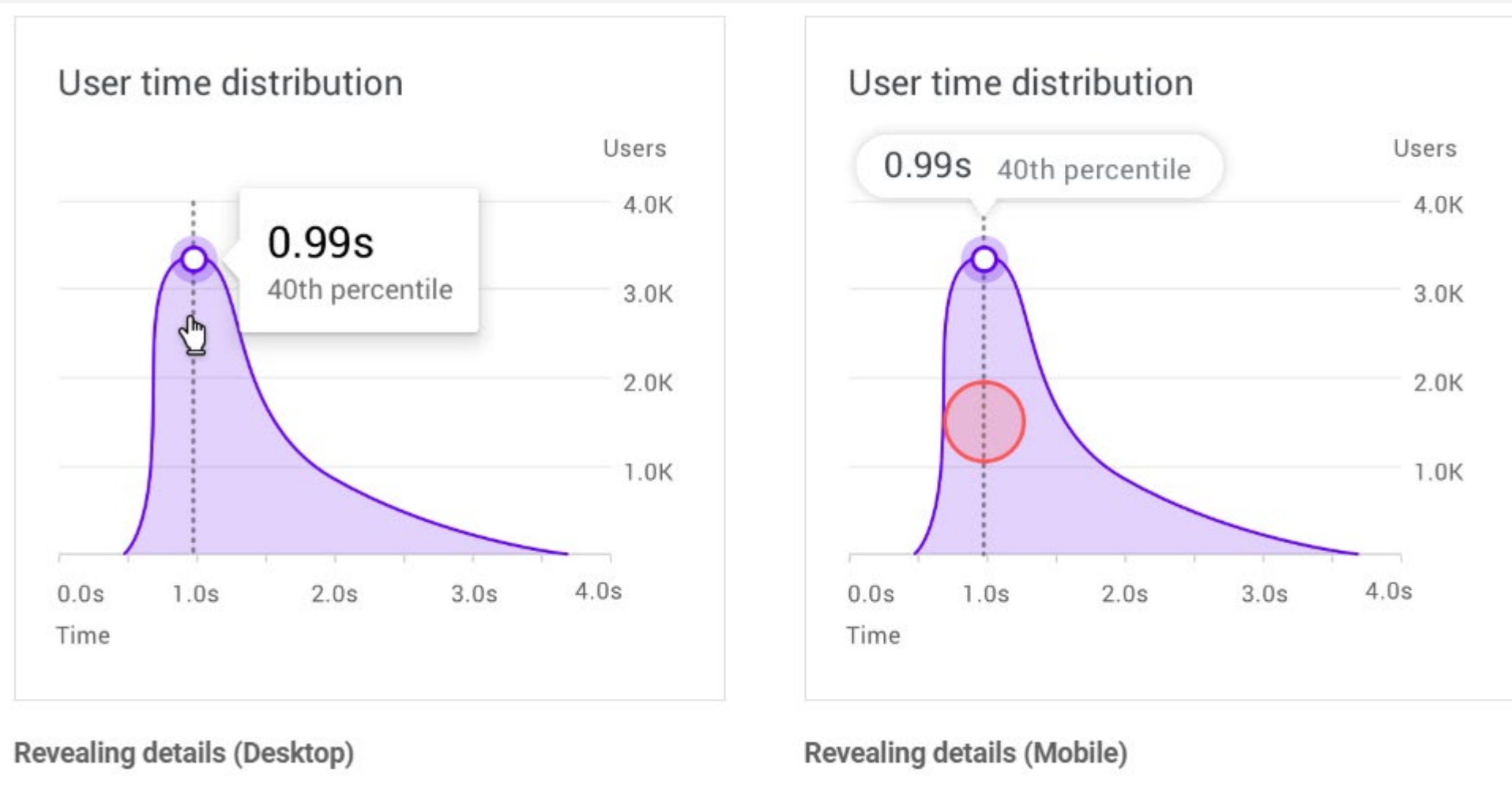
Material.io

Design guidelines for data visualization



Material.io

Design guidelines for data visualization



Perception design



CONTEXT



ATTENTION



DISTANCE

Cross-platform design



Composition



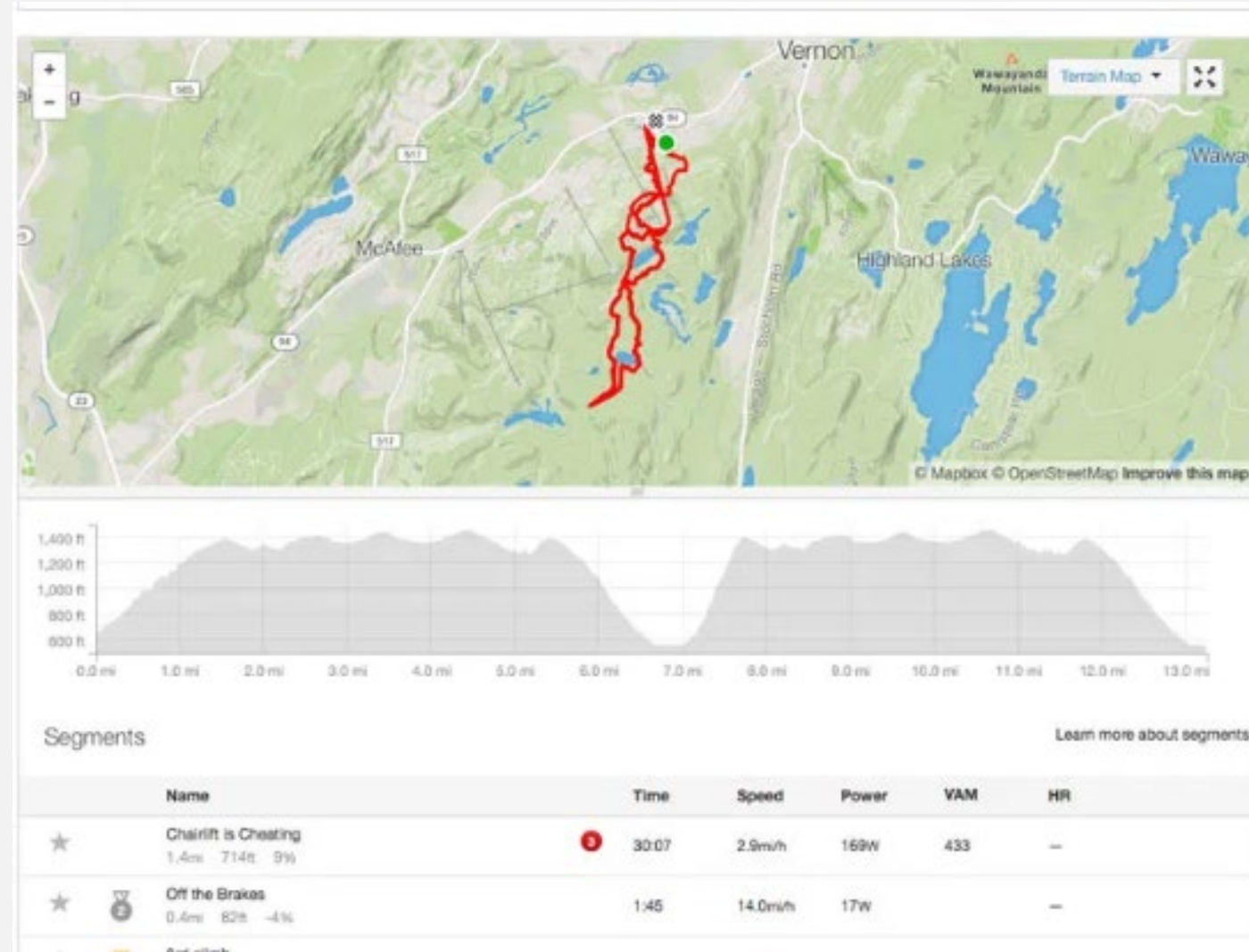
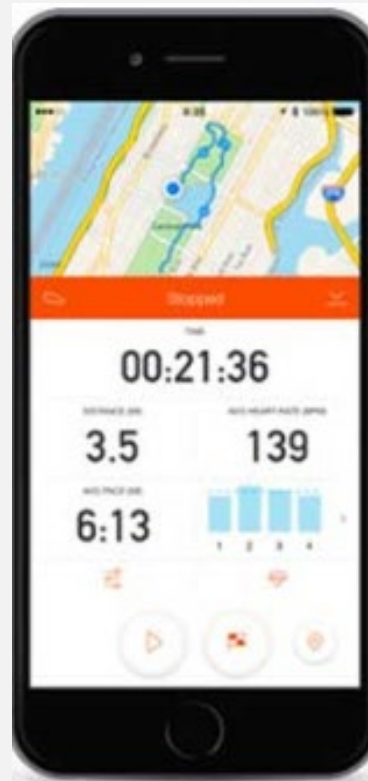
Consistency



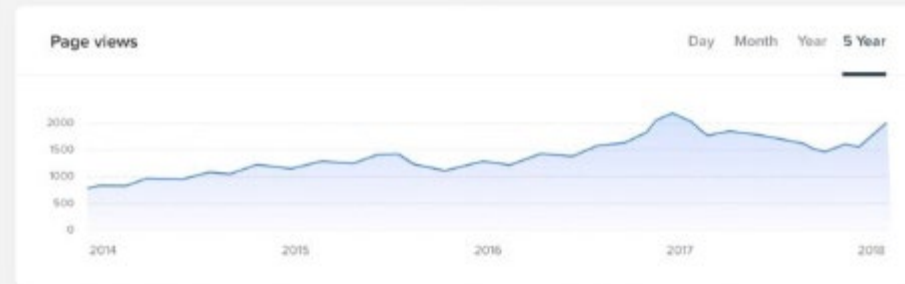
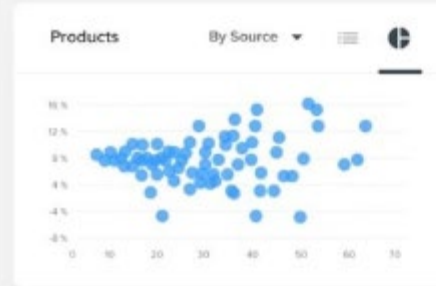
Continuity

Cross-platform design: Composition

- Multichannel
- Cross-media



Multichannel HTML design



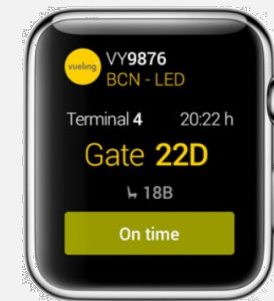
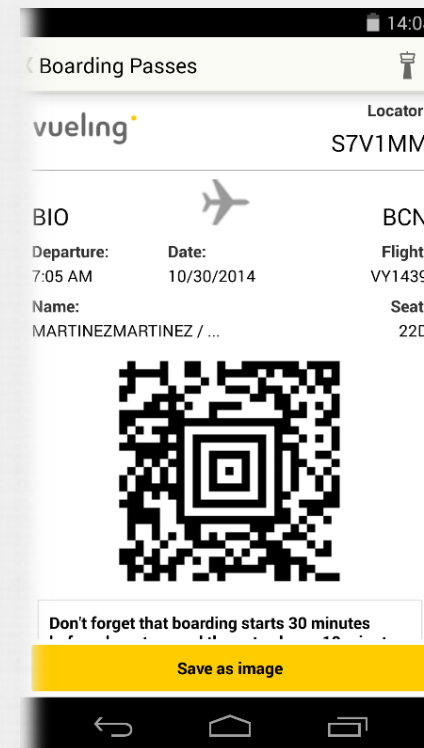
Cross-platform design: Consistency

- Words, data
- Visual design
- Interaction



Cross-platform design: Continuity

- Data and content
- Interaction





Paper

Paper



No interaction



Easy post-processing



CMYK and related costs



PNG vs JPEG