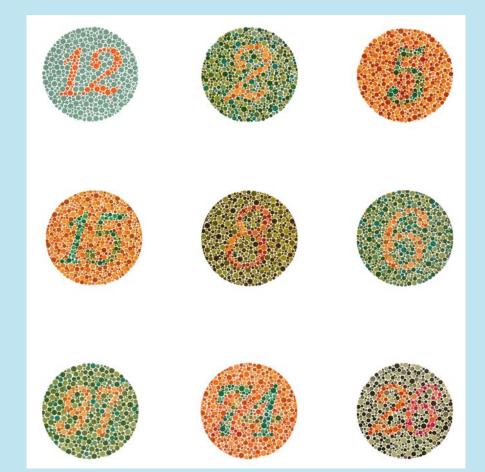
Al for Color Blind & Blind

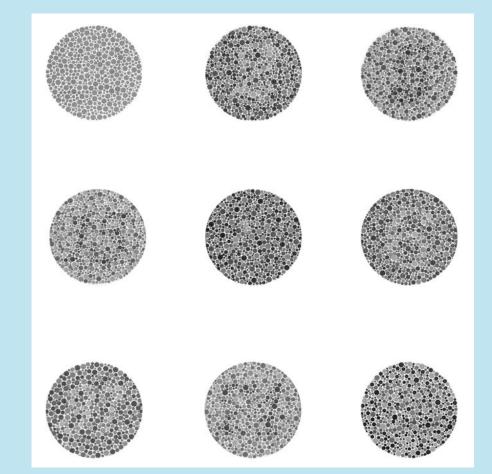
- For Shopping or Lost & Find

22077842 Eungyeol Kim

Outline

- Motivation 1
- Current Solution 1
- Solution with Al 1
- Motivation 2
- Current Solution 2
- Solution with AI 2





DESIGN & STYLE

How to Match Clothes Using the Color Wheel

Written by MasterClass

Last updated: Jun 7, 2021 • 3 min read

If you're not sure where to begin when it comes to mixing and matching clothes, consider using a color wheel.

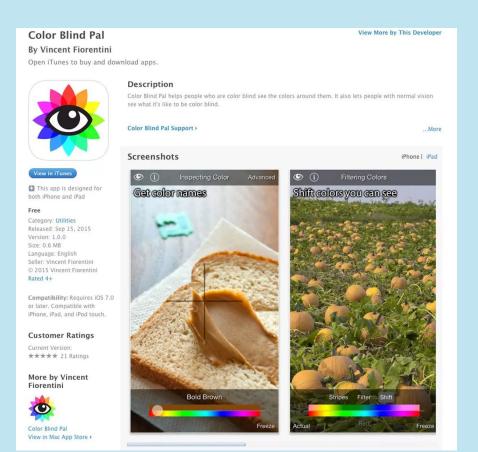


What Is Color Theory?

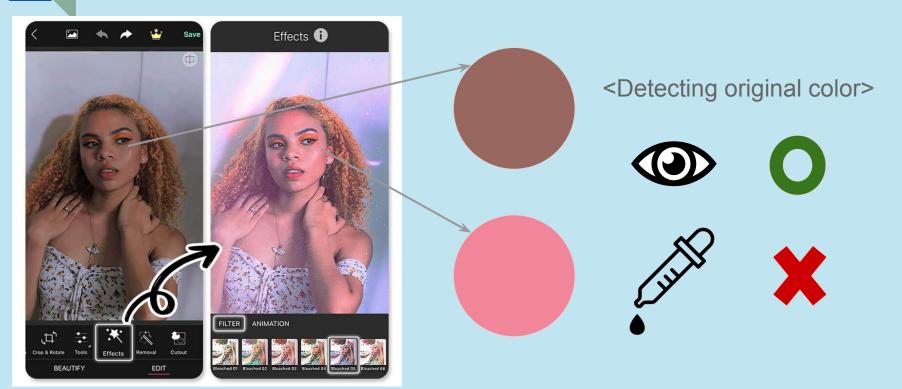
Color theory is a set of guidelines for mixing, combining, and manipulating colors. Color theory includes ideas like:

- 1. **Color harmony**: Color harmony describes color pairings that are visually pleasing and provide a sense of visual order. Color schemes based on complementary and analogous colors are generally perceived as harmonious. But, since humans respond to colors differently depending on personal preferences and life experiences, there are no universally "right" colors for achieving harmony.
- 2. **Color temperature**: Color temperature deals with breaking colors down into warm colors (associated with sunset and daylight) and cool colors (associated with overcast light). Experimenting with combinations of warm and cool colors can help you mix colors to achieve a particular effect.
- 3. **Color context**: Colors appear to behave differently when viewed in different contexts. For instance, a rusty orange may seem dull and subdued when placed beside a vivid yellow, but when paired with a dark purple, the orange suddenly seems much brighter.

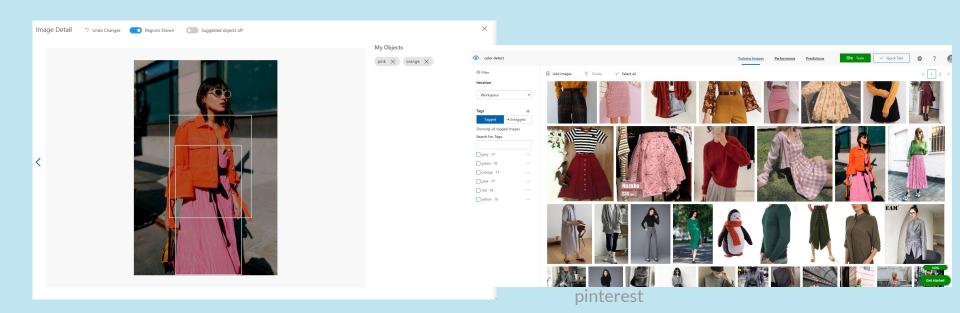
Current Solution

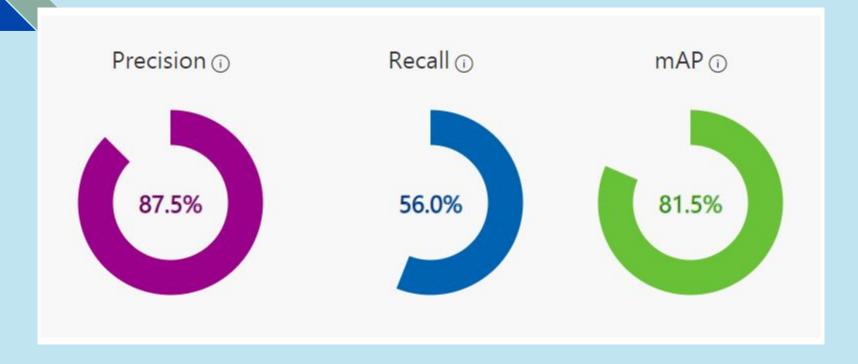


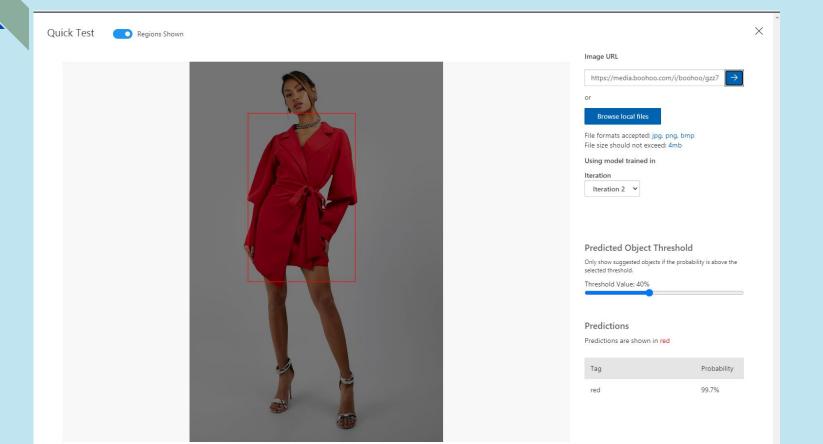
Current Solution



https://www.perfectcorp.com/consumer/blog/photo-editing/best-instagram-filters-and-effects



















Benefits

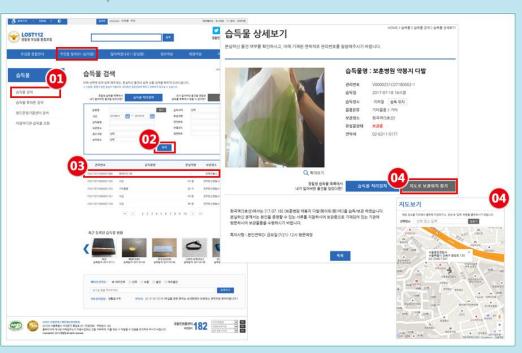
- 1. Tell colors with different methods than color extract tool
- 2. No need to click and pinpoint all the time
- 3. Provides quick color matching reference

Liminations

- 1. Difficulty in detecting objects(clothes)
- 2. No strict barriers between colors
- 3. Requires quality sources

"There might be another way to take advantage of the technology better .. "

"Maybe it's better at detecting object itself than color.."



< Founds Searching Tips>

- ① Go to [Founds > Search Founds] menu If you want to search them by classifieds, go to [Founds > Search Founds by classifieds] menu.
- ② After you decide search criteria, click "Search" button and the founds list corresponding to your search may be listed.
- ③ Click "Control Number" and move to the detailed information page of the found.
- ④ You can find detailed information of the found on the page Click "Find a location on the map" and the place the found kept will be appeared.



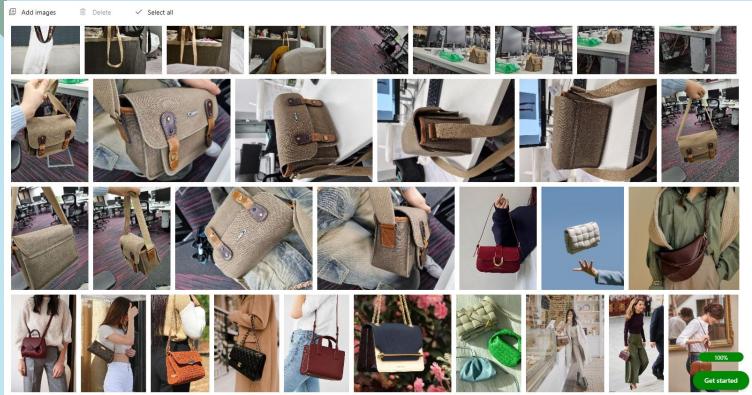
Current Solution

" Is there any dark green bag? "

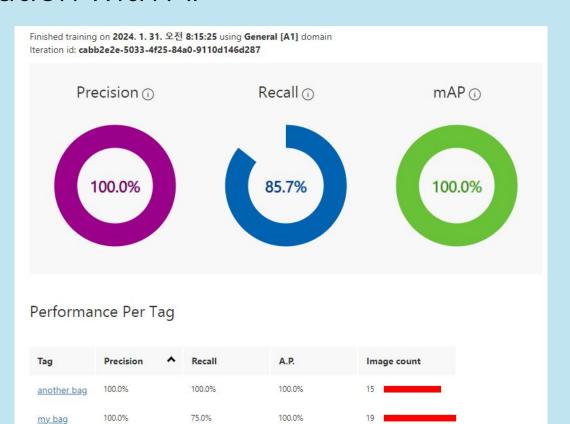
"You should check the website and if you find one there, then visit us "



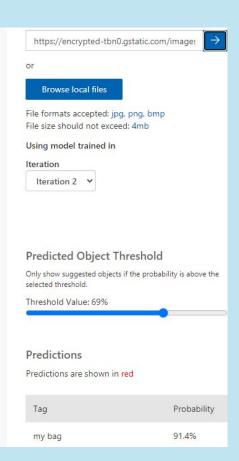
"What if I cannot verify by myself?"



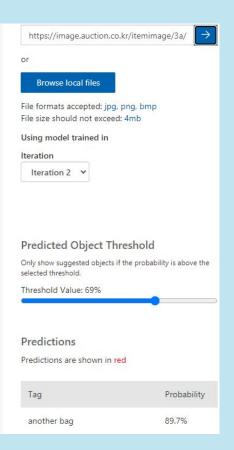
pinterest









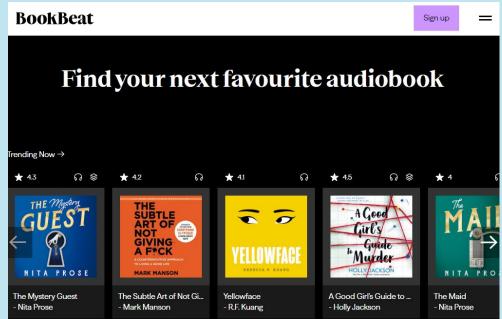


Expected usage

- 1. Imbed in lost and found websites
- 2. Extend to lost pet finding service
- 3. Imply to find the right product on market

Outro





Thank you



References

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