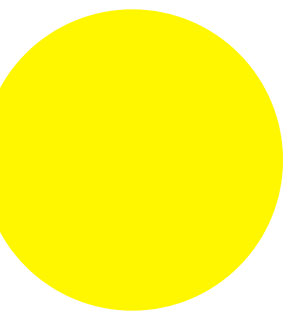
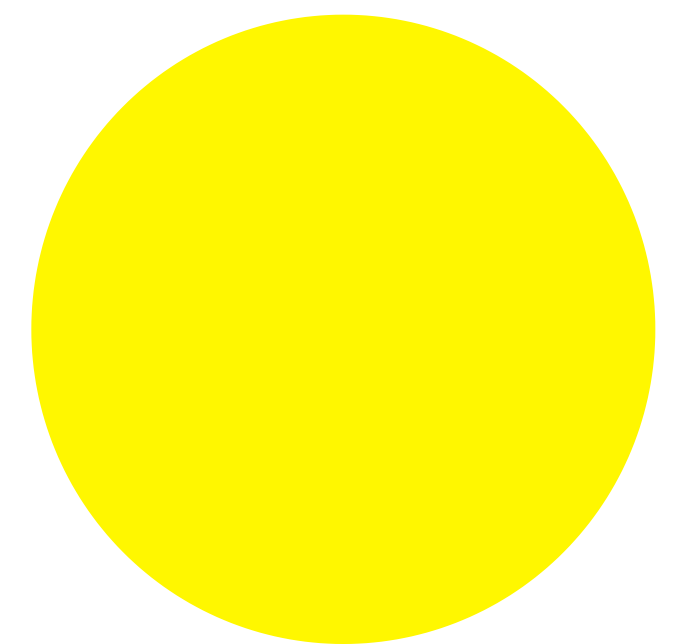
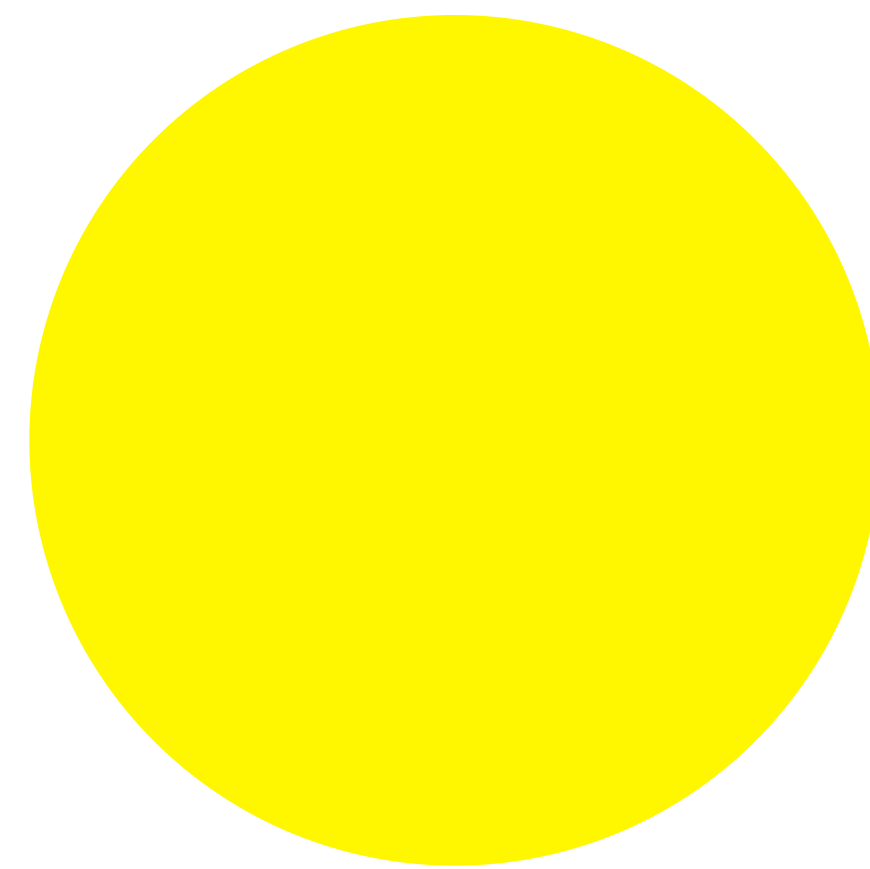
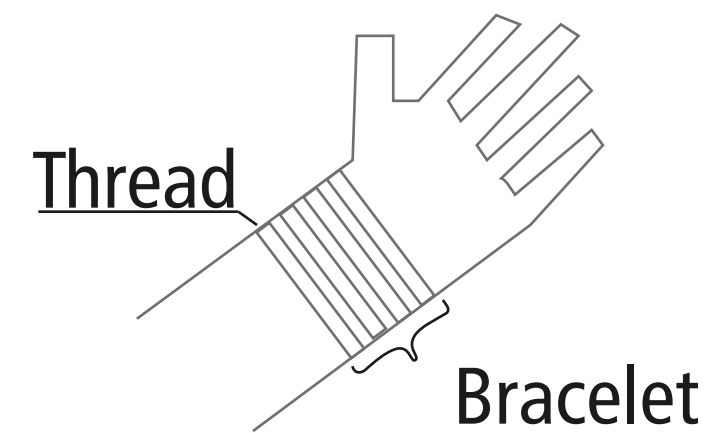


Development of an color changing bracelet



Development of an color changing bracelet

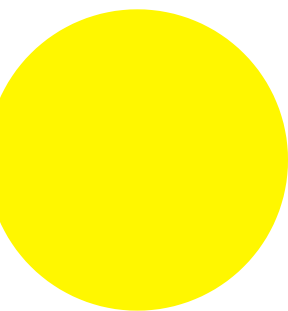
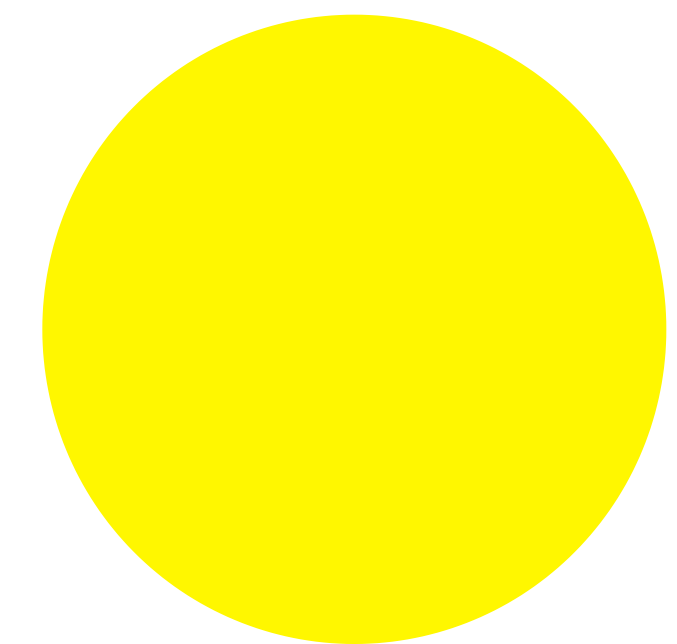
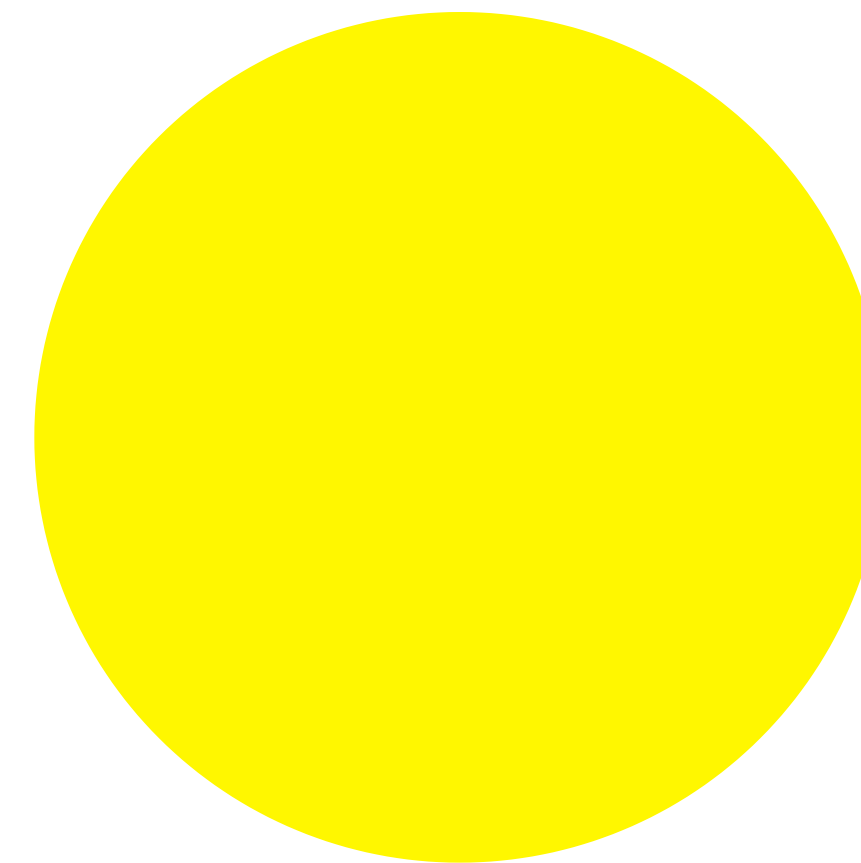
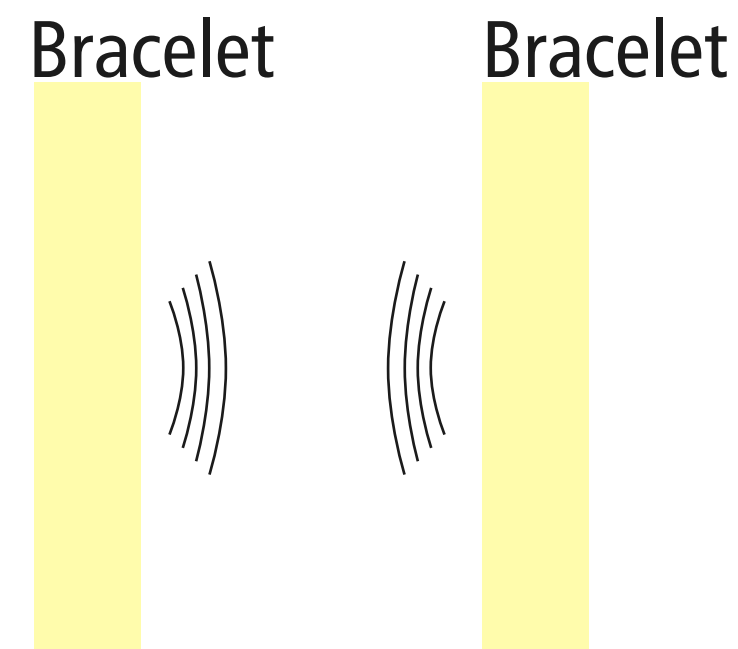


- Theorie: humans are social and every day becomes a better one if you talk to friends and people you like

- to visualize that one or several of these people are around you, you can use color

- if you are closer to a friend, the bracelet changes its color

- several threads for several different groups



Development of an color changing bracelet

Technology

- microcontrollers: ESP07s
- thermochromic color
- conductive rubber band
- Transistor (TIP120)
- small batterie

<https://transforming-technologies.com/product/conductive-esd-rubber-bands/>

<https://www.thermometersite.com/thermochromic-photochromic>

<https://www.alanzucconi.com/2016/08/02/arduino-heater-2/>