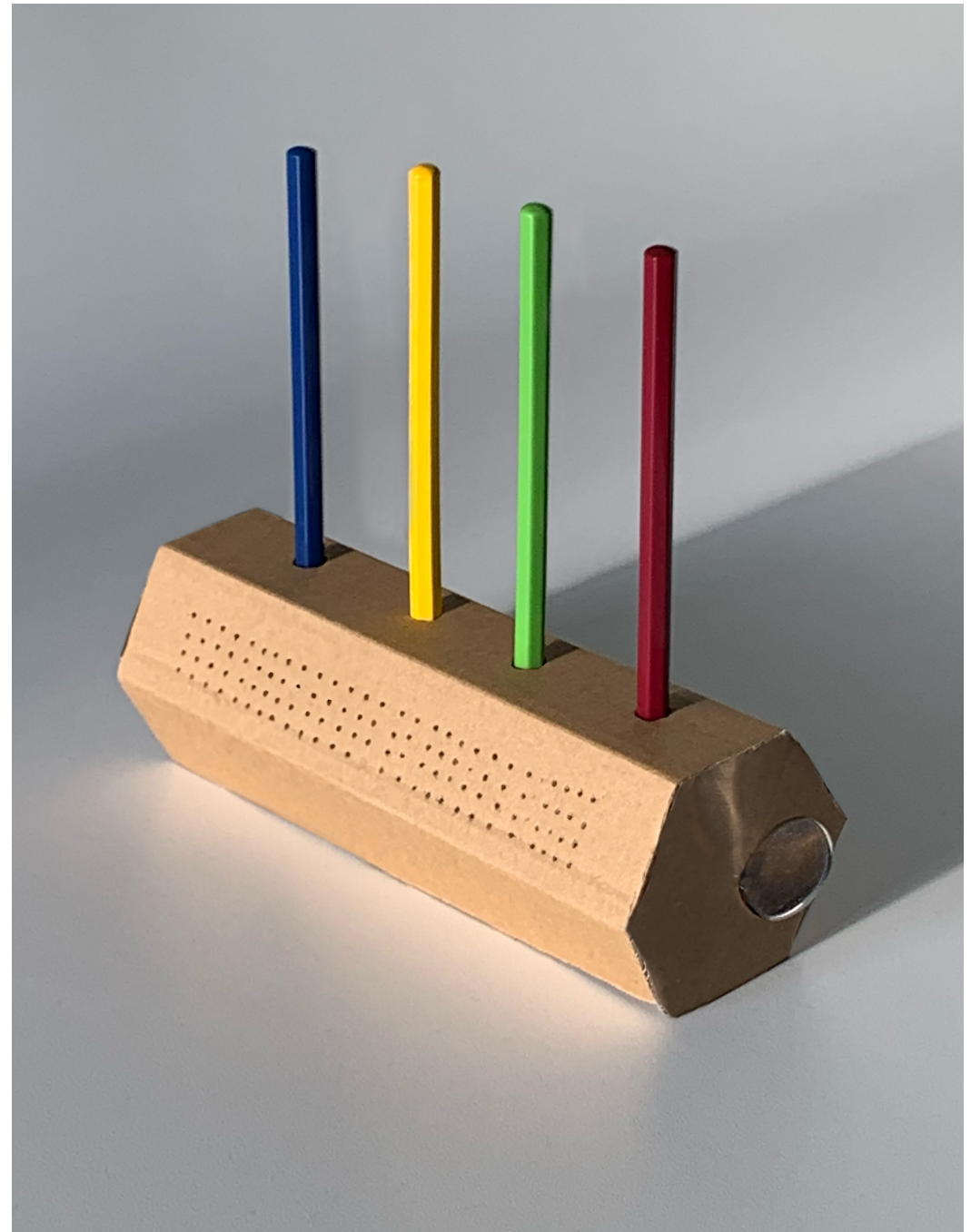


# Dye—Radio

Jamming with colors

Dye—Radio is a 'sound pencil holder' able to generate musical themes based on color compositions.



# User Journey

1  
Place Dye—Radio near the space where you draw or color. The interaction begins when the user turns the crank that activates the radio.

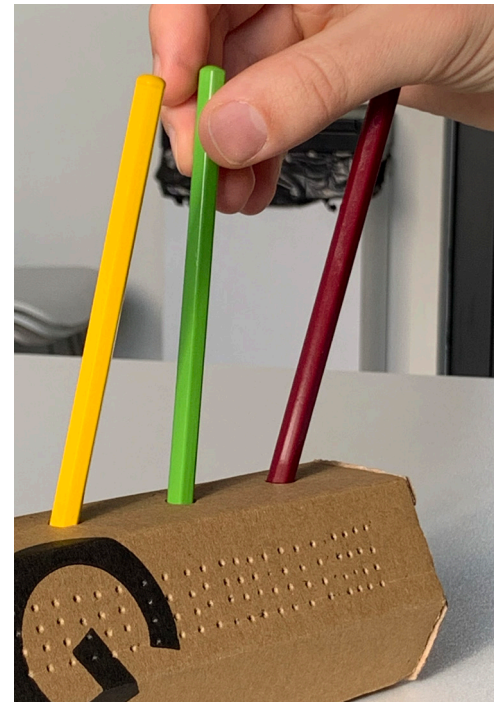
*Am... Gm... D...*



2  
Placing, replacing, or even missing some colored pencils in the upper holes will influence the first chord.

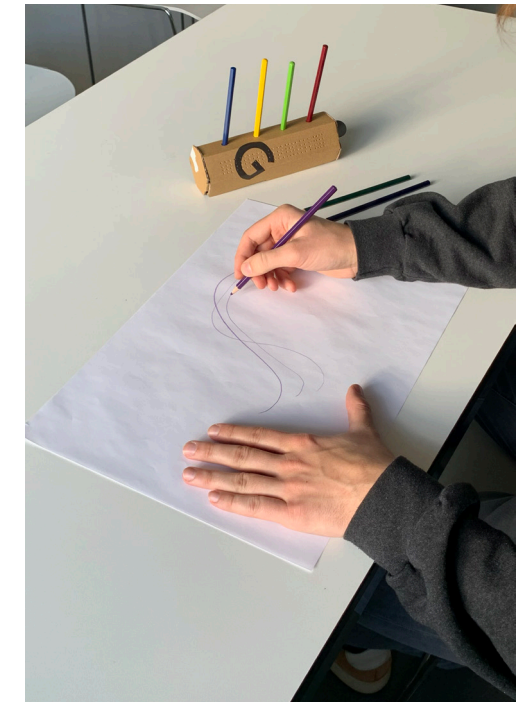


3  
Dye—Radio will then start to create a melody using the first chord as a starting point.



4  
Each interaction will lead to a new basic chord that will then evolve the previous melody.

*C... Bm... A...*



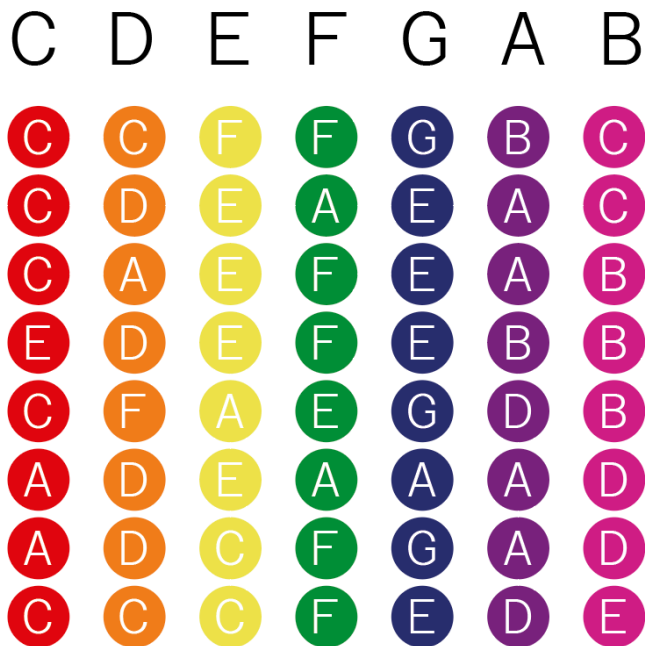
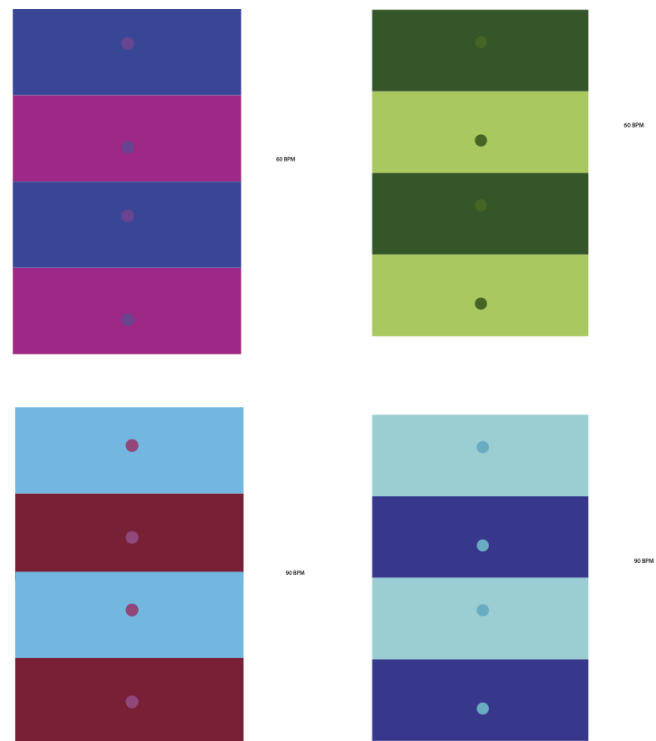


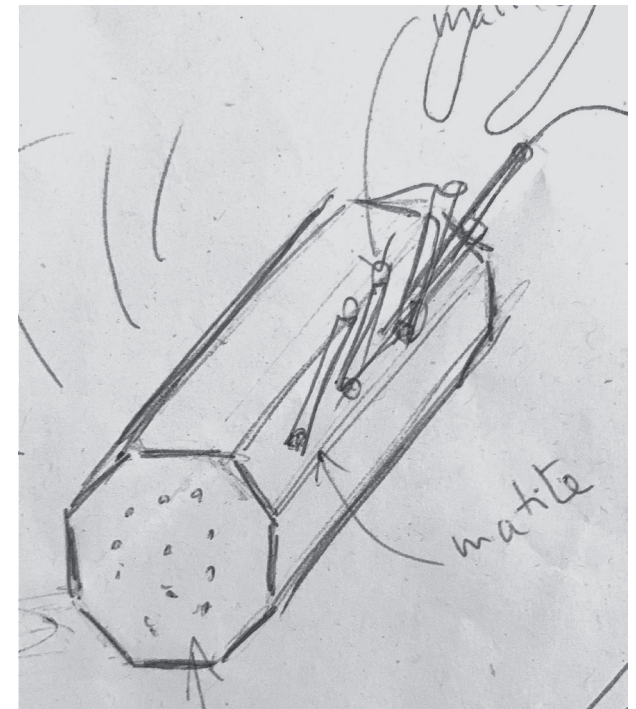
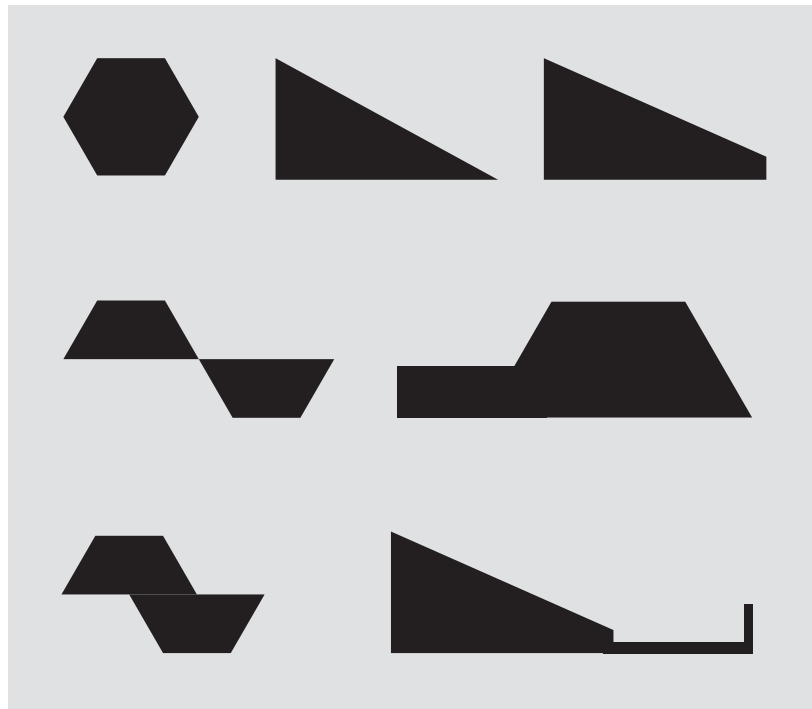
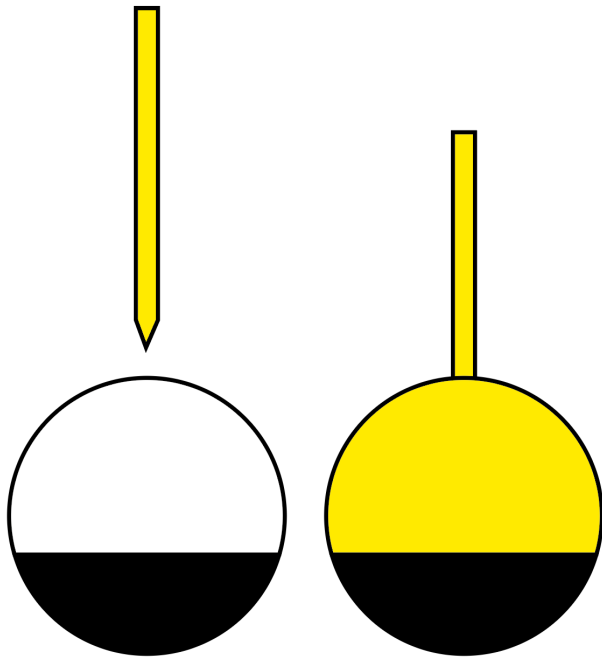
# Field observations & Key Insights

Color is an element that strongly influences the way human beings visually and physically perceive the surrounding space. Choices related to color are affected by several factors, but often human beings either do not realize this or do not pay attention to it.

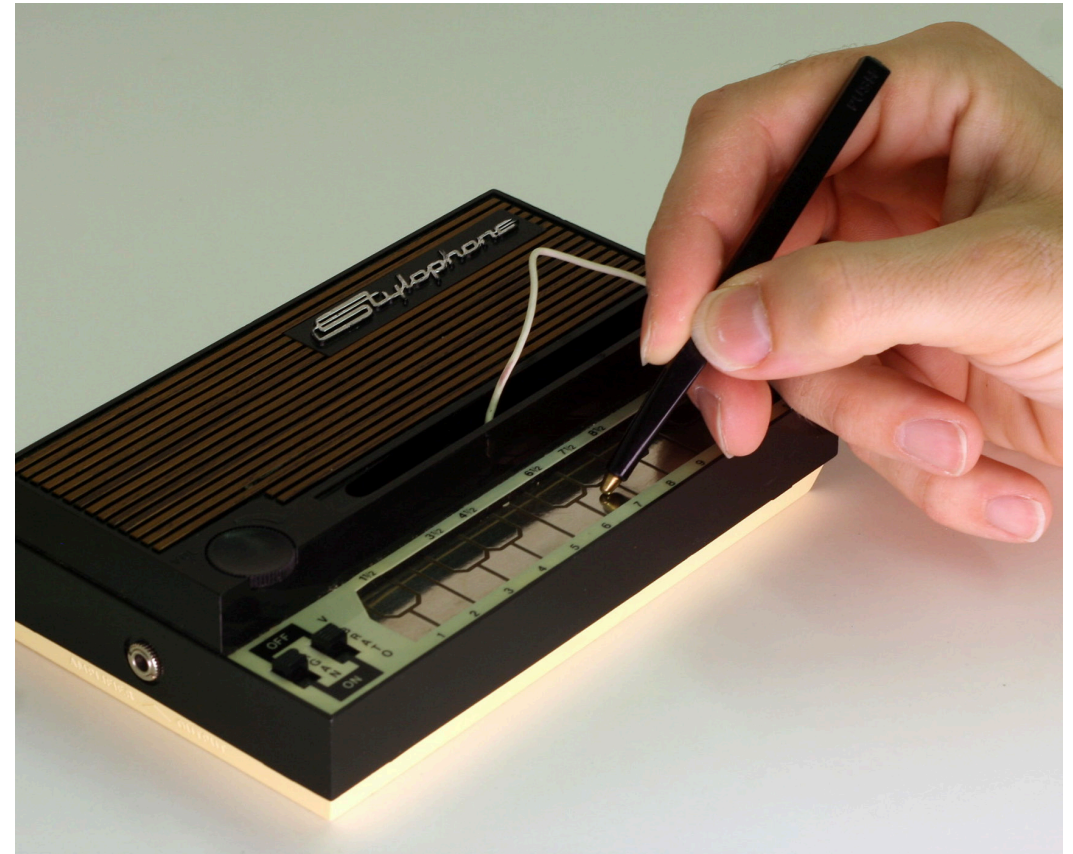
Musical composition and color combination have various similarities. Both have strong synaesthetic connotations, moreover although their physical and mathematical functioning is clear, how they affect the emotions and feelings of human beings remains a mystery.

Bringing color to life by providing it with «sound as a voice» to define itself more is a method of giving it personality and encouraging original interaction, in which the user can realize the strong influence of color.





# Visual Moodboard





# Paper Prototypes

Some tests show the visual limitations that human beings may experience in the way certain colors communicate...

...other tests demonstrate the way color influences and deforms the space that humans perceive.

... and some other tests show how the relationship between certain sounds and colors may be related.

