A NEW, MORE USER-FRIENDLY DIGITAL COLOUR- PICKER?

“The colour picker in all major software is crude and unhelpful to understanding, using and applying colour creatively”

professor Jan Koederink, University of Leuven, the Netherlands.
THE STUDY

- Colour naïve subjects searched for 4 specific colours in a traditional colour picker and in Kolorpicker.
- Both efficiency (search-time) and accuracy (ability to find a specific colour) was measured.
- 24 American students and 10 retired Swedes.
- Nov - Dec 2018.

THE 4 COLOURS, SHOWN ONE AT A TIME

RESULTS – ALL USERS

- Kolorpicker gives better accuracy and requires less time for two of the four colours.
- For one colour, the two applications perform equally well.
- For the last colour, the result is ambiguous.

RESULTS – BEGINNERS

- The same tendencies as for the whole group; it speaks in favour of Kolorpicker in the first 3 colours.
- In colour 4, Microsoft comes out much stronger.

RESULTS – HEAVY USERS

- (Less than a handful subjects)
- Spent considerably more time on Kolormondo - that was new to them - than in Microsoft.
- More unexpected, accuracy was much better in Kolormondo for the first 3 colours.

WHAT SUBJECTS SAID

RYERSON SUBJECTS

- “For Kolorpicker, the process was so much easier and user-friendly.”
- “Both colour pickers had their difficulties. Microsoft depended on sliders, which was inefficient, while Kolorpicker had a ‘larger’ variety of choice, so it took longer to find the accurate colour.”
- “It was very easy to find the colours using the Kolorpicker, rather than trying to visualize what changes RGB will produce. It is better to visually see what the model of colour looks like.”
WHAT SUBJECTS SAID

“All participants thought that Kolormondo was easier to use versus Microsoft Word and would prefer when using a color picker to see colors within a spherical/global shape”

CLEMSON TEACHER