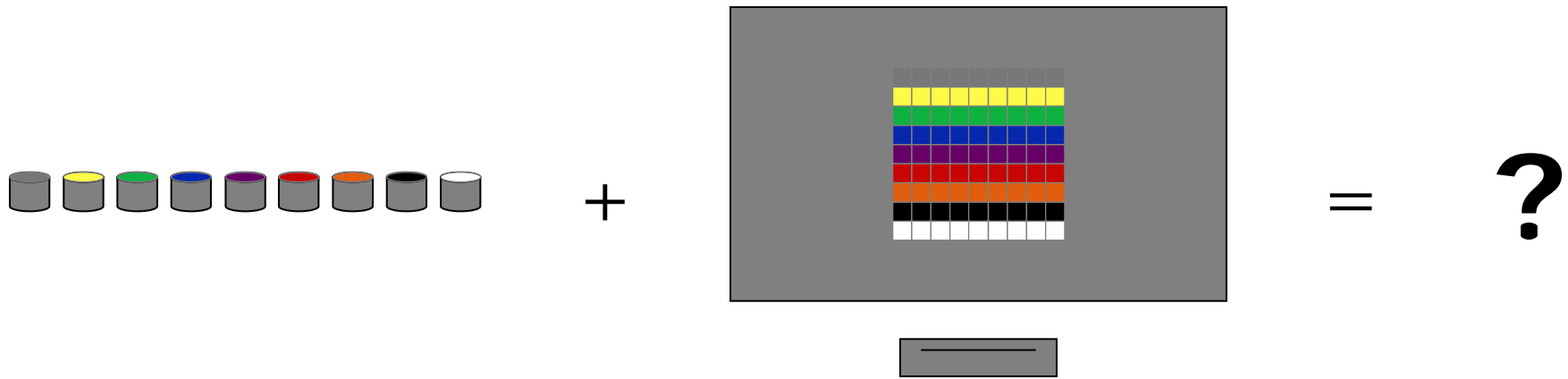


color study

plan to explore the expanding palette

erik sanner, march 2008

purpose

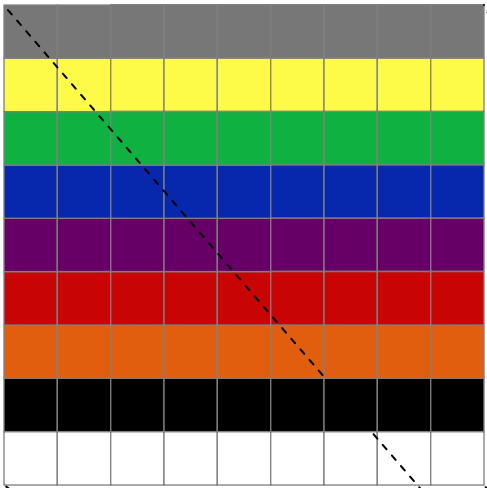


video cameras and computers connected to monitors and lcd projectors produce different color tones than paint.

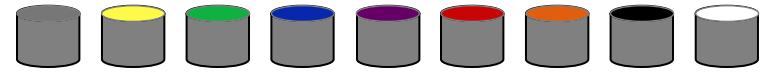
in my recent work i project computer-processed video imagery onto paint.

color study serves as a functional piece of art, helping anyone using similar processes figure out which colors to use by seeing what they look like combined.

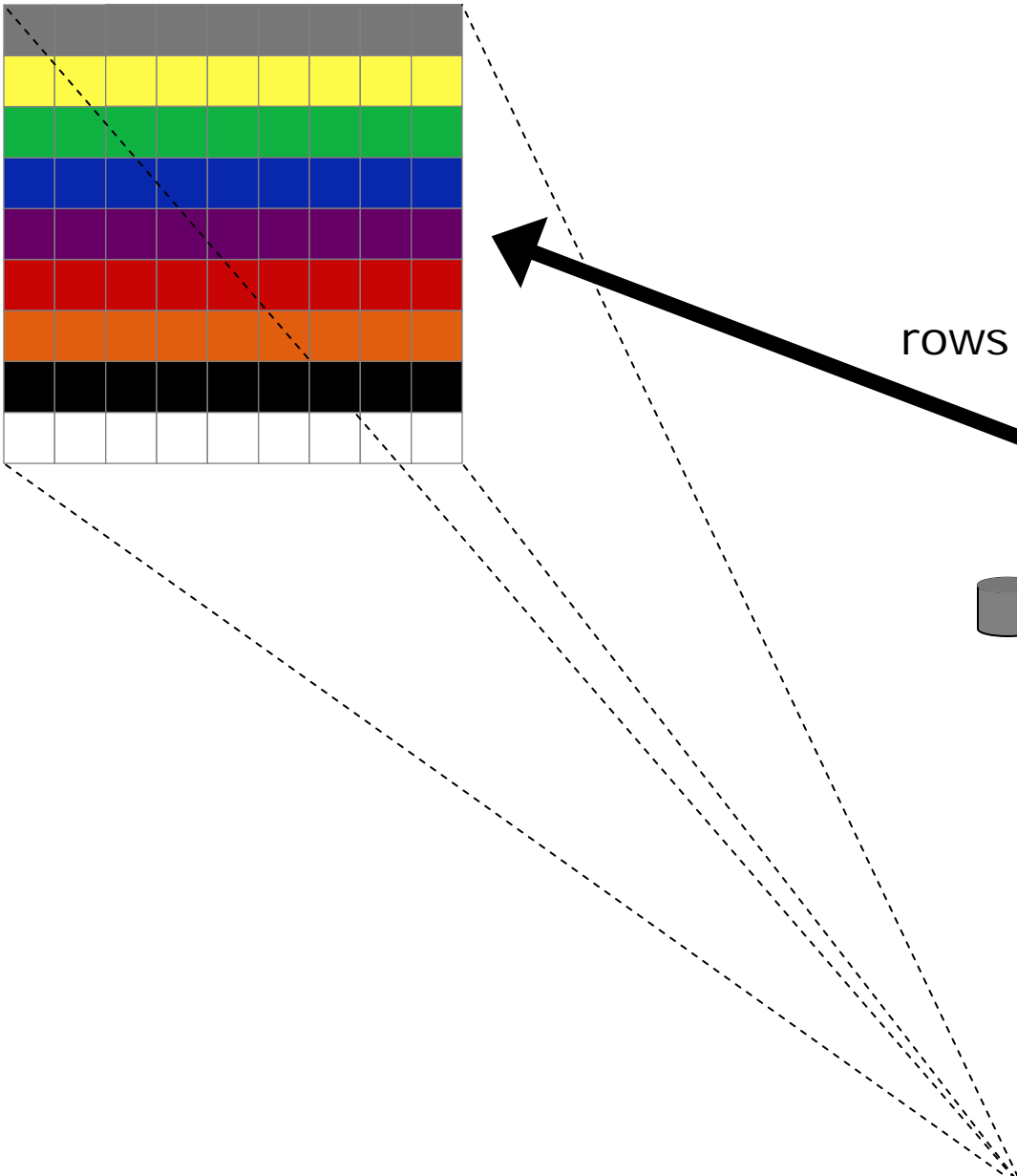
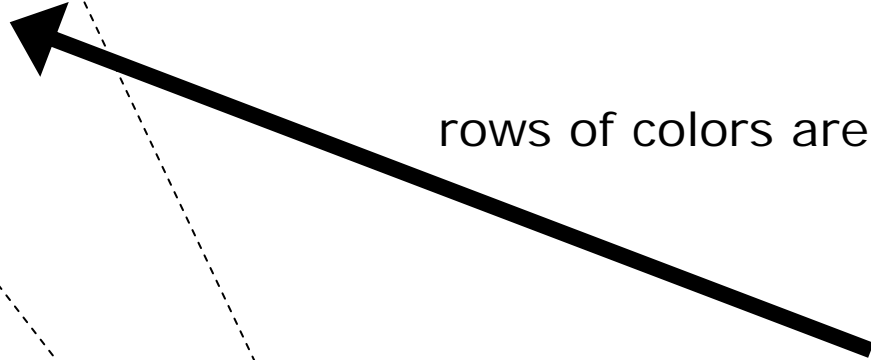
method

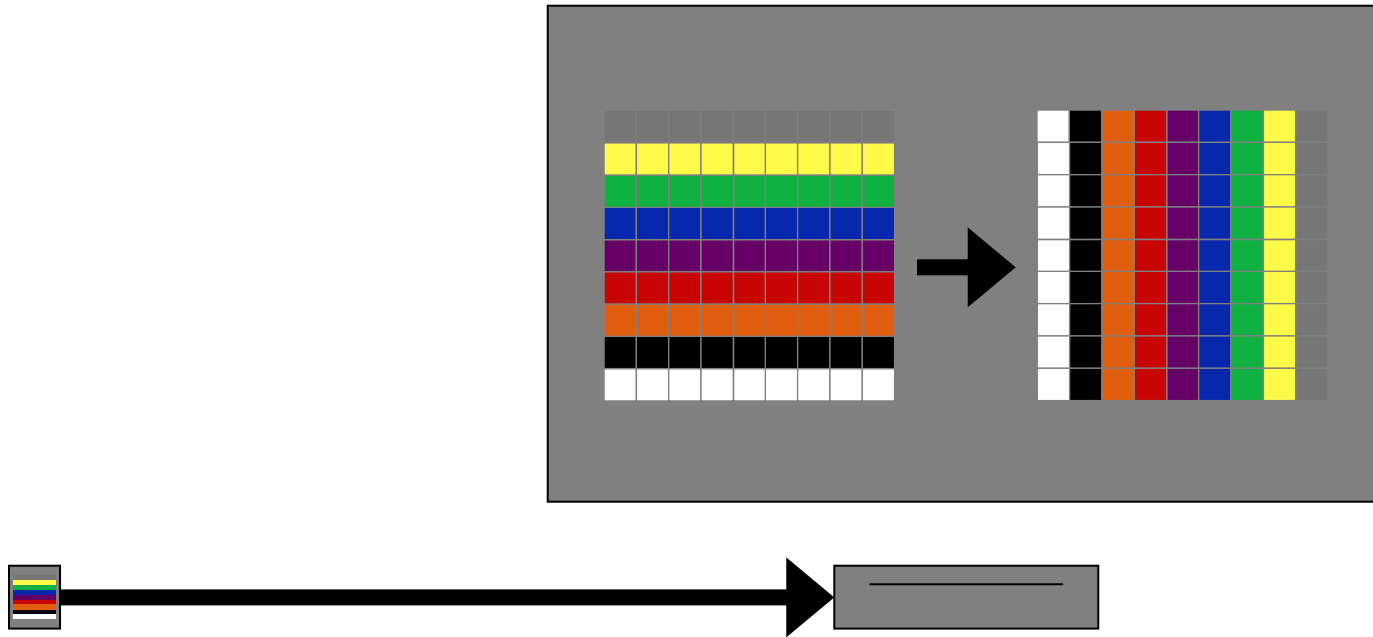


rows of colors are painted into a grid

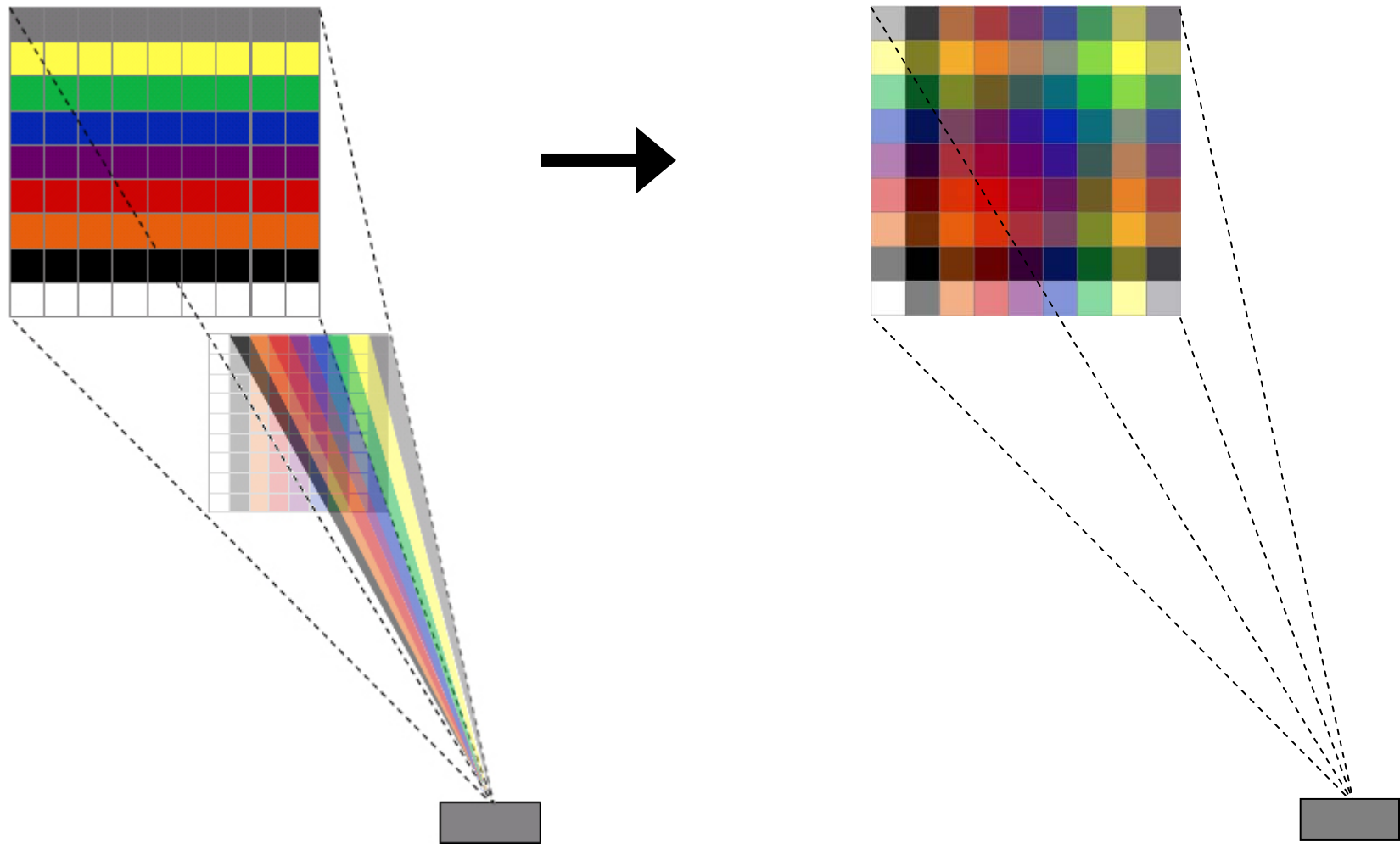


a camera films the painting

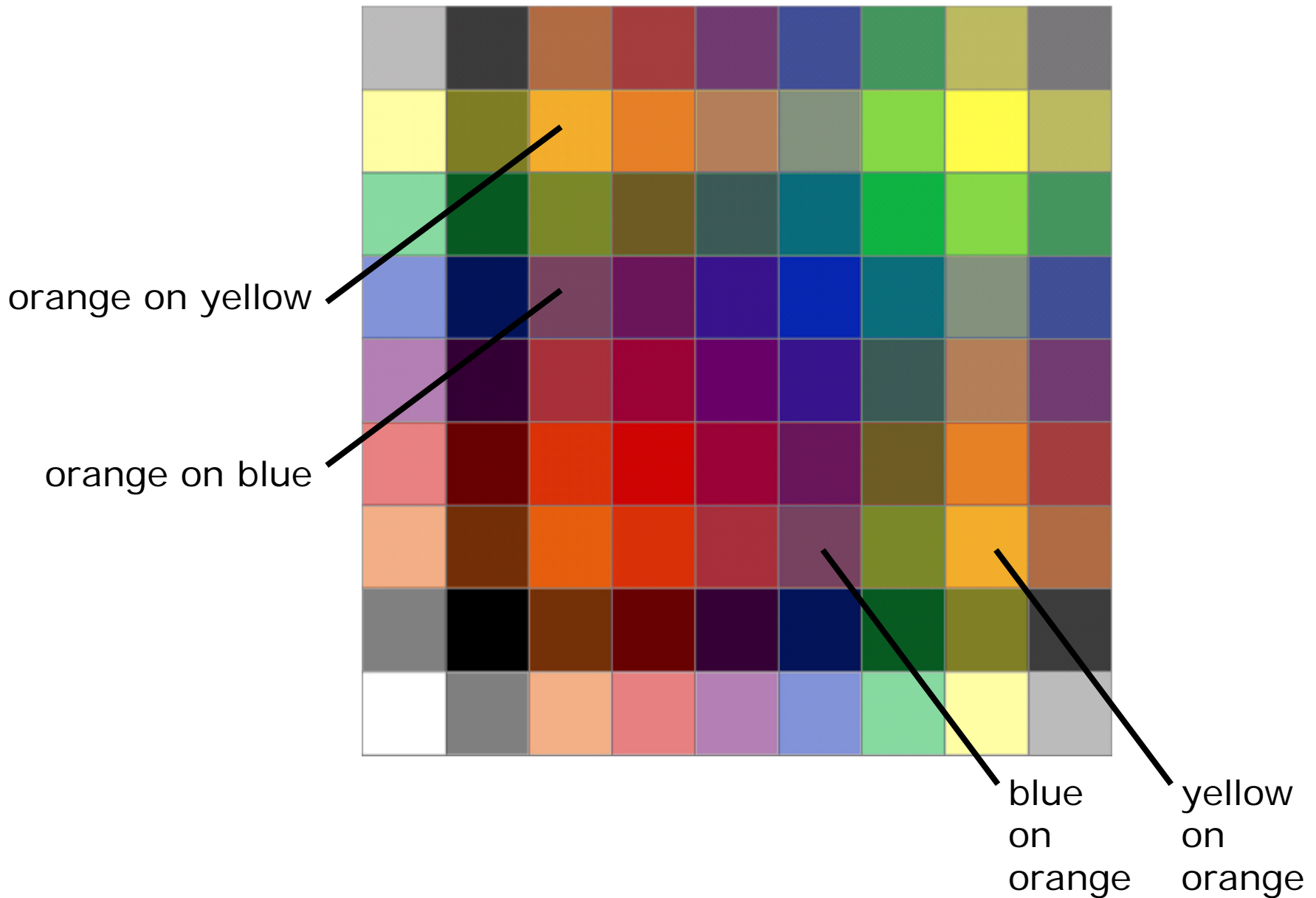




the video is transferred to a computer and rotated ninety degrees



the video color is projected onto the painted color



the resulting image shows every possible primary and secondary color combination of painted color and projected color

variations

the basic method results in a still image if a still camera is used. i seek to incorporate movement in my work. the following variations incorporate varying degrees of motion in the completed piece, while also introducing the possibility for including more subtle color combinations.

painting many layers: by painting the same colors over and over again, there are slight variations in the colors (mixed from a palette of cold blue/warm blue, cold red/warm red, cold yellow/warm yellow, and white). additionally, a greater number of brush strokes provides a greater variety of movement in the projection.

filming real-world things other than paint: by filming things which are primarily monochromatic yet in motion (e.g., orange-gloved hands peeling a tangerine over an orange-colored tablecloth), a greater variety of both color tone and movement is achieved.

dynamic "canvas": by substituting televisions, lcd monitors, e-ink or other powered displays, both layers are constantly in motion, the "background" ("canvas") and the "foreground" (projected imagery). additionally, color tones are produced which differ from those created by a combination of projected color and pigment on canvas.

combinations

combining the methods of the different variations allows for multiple pieces with different qualities. resources permitting, i hope to create four pieces:

- 1)** video of painting projected onto dynamic display of various filmed monochromatic objects in motion (e.g., paintbrush applying green paint projected onto video of the blue ocean on a clear day)

- 2)** various filmed monochromatic objects in motion projected onto dynamic display of painting (e.g., green grass blowing in the wind projected onto paintbrush applying blue paint)

- 3)** various filmed monochromatic objects in motion projected onto more filmed monochromatic objects in motion (e.g., green grass blowing in the wind projected onto video of the blue ocean on a clear day)

- 4)** video of painting projected onto dynamic display of painting (e.g., paintbrush applying green paint projected onto paintbrush applying blue paint)

special ice cream variations

with several flavors of ice cream, **color study** becomes a fully functional yet extremely fun-to-make installation or a fun-to-view interactive installation.

first, participants eat ice cream out while a video camera directly over each bowl films the spooning and melting of the ice cream.

if the bowls are already various colors, they are hung in the same grid pattern as the “background” layer on the previous pages. if they are uniformly white, clear, or black, they can either be painted prior to hanging, or the ice cream residue can be left to dry and coated with varnish.

finally the video of the different flavors of ice cream melting and disappearing is projected into each bowl, creating similar color combinations as the other variations.

alternatively, an interactive installation is set up in which “viewers” eat bowls of ice cream beneath projectors. so, you can eat raspberry ice cream out of a red bowl with video of mango ice cream being eaten out of an orange bowl projected onto it while you’re eating, providing a unique visual experience.