COLOR vs COLOR

Use the chart below to record your observations from the Physics Classroom.
Go to www.physicsclassroom.com, "Physics Interactive," "Light and Color," "Stage Lighting."
Click on "Launch Interactive" and go Full Screen.
You can also click here (if viewing document online) and go Full Screen.

	LIGHT COLOR							
COSTUME	WHITE R+G+B	BLACK Ø	RED R	GREEN G	BLUE B	YELLOW R+G	MAGENTA R+B	CYAN B+G
BLACK								
RED								
GREEN								
BLUE								
YELLOW								
MAGENTA								
CYAN								
WHITE								

CONSIDERATIONS

Additive colors of light.
When white light shines on a yellow costume; what color does it absorb and what color does it reflect? Why?
Could a magenta costume or object ever appear green? Why/Why not?