Use special lantern equipped with three color filters, three adjustable diaphragms for regulating the intensities of the three beams, and three lens for adjusting the positions of the spots on the screen. Set lantern at front, center of lecture table, raise front of lantern as much as possible, and project on screen. Darken the room completely.

Adjust positions of the three spots so that there is considerable overlapping. Show colors produced by mixing various intensities of two or more of the three colors. White can be approximated by mixing the proper proportions.

Note: Since blue is the least intense color in the source, you will find it advisable to open the blue diaphragm completely, and open the other two diaphragms roughly half way.