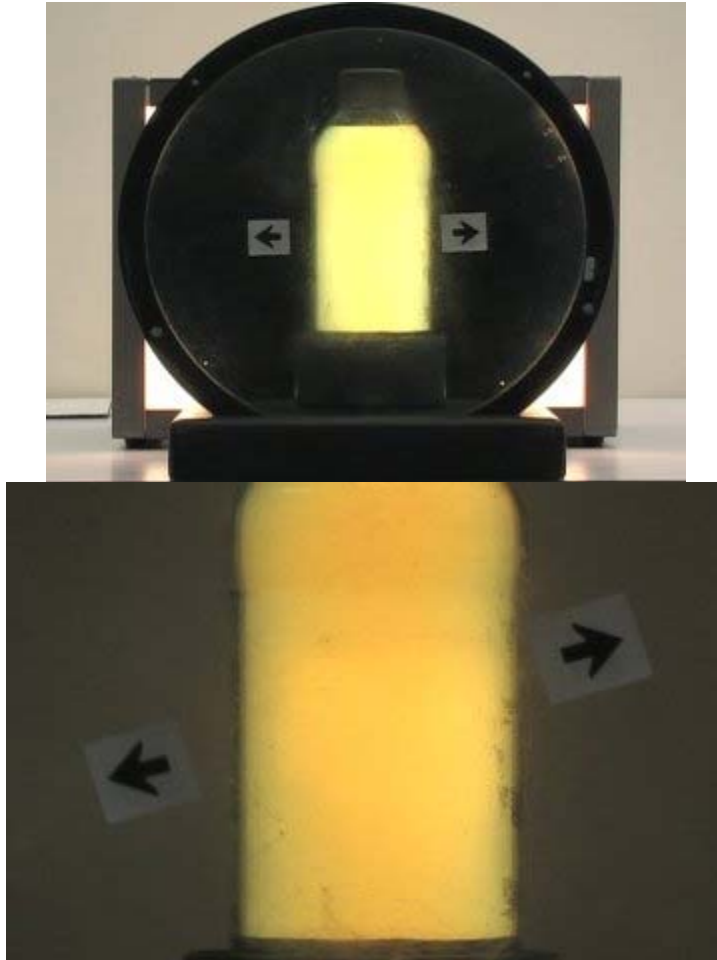


## Question #287

Two crossed polaroids are positioned in front of a gooseneck lamp and a glass bottle of Karo<sup>®</sup> syrup is positioned between the polaroids, as seen in a short mpeg video by clicking your mouse on the photograph at the left below. The polaroid closest to the camera is then rotated counterclockwise through a small angle, creating the color seen in the photograph at the right, which perhaps can be described as a "radiant" yellow.



The question this week involves what other colors might be created as the outer polaroid is further rotated in the counterclockwise direction.

As the outer polaroid is rotated in the counterclockwise direction, select the colors from the list below that will be the next two colors produced. Consider only colors from the list below, not other possible complex color admixtures.

- (a) red
- (b) green
- (c) blue
- (d) cyan
- (e) magenta
- (f) yellow

Click here for [Answer #287](#) after May 21 , 2007.

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For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).