


by jok church



BEAKMAN JAX

Google: color gamuts

Dear Beakman,
Primary colors are not red, green and blue. I paint and know that primary colors are red, blue and yellow. Aren't you wrong? Why?
Peggy Dann
Santa Claus, Indiana

Beakman or Jax
1130 Walnut Street
Kansas City, MO 64106
Questions, name & address

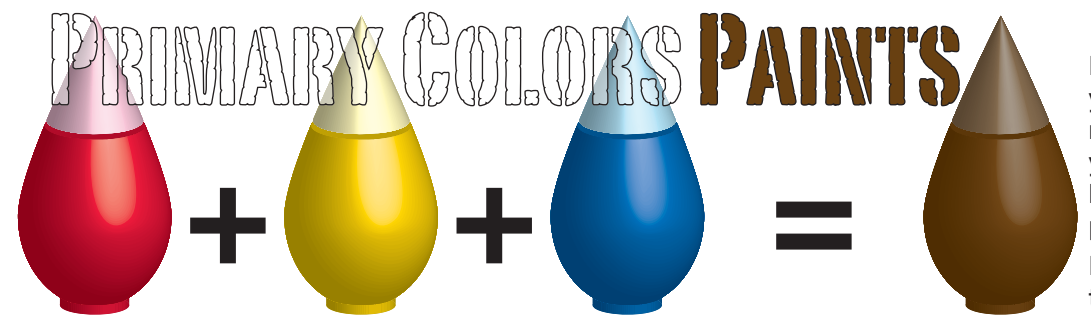
Dear Peggy,

This a question that can fill my mailbox. And it's all about mixing. When you mix different colors of paint, red, blue and yellow are primary colors.

But we do not see paint colors (pigments), we see light bouncing off of them.

Light mixes differently than paint pigments. Pigments are what makes paints the colors they are. As to why that is; we'll never know why. We can know *what* or *how*, and that'll have to do.

Beakman
Beakman Place



If you have food colors in your home, mix any 2 of red, blue and yellow and you'll get secondary colors like green, orange or purple.

But mix all the food colors together, and you'll end up

with a kind of muddy brown.

We do not see food colors – or pigments – we see light bouncing off of them, and with light, all colors together make white. To see what I mean, put a

magnifying glass up to a TV or computer screen showing white; you'll see RGB. Older TVs and most computers let you adjust the levels of those colors: **R**ed **G**reen **B**lue. All of them, up all the way, make white.

P.S. from Jax: With light, the absence of all light is black. The color stripes above are drawn from our computer monitor, showing white.