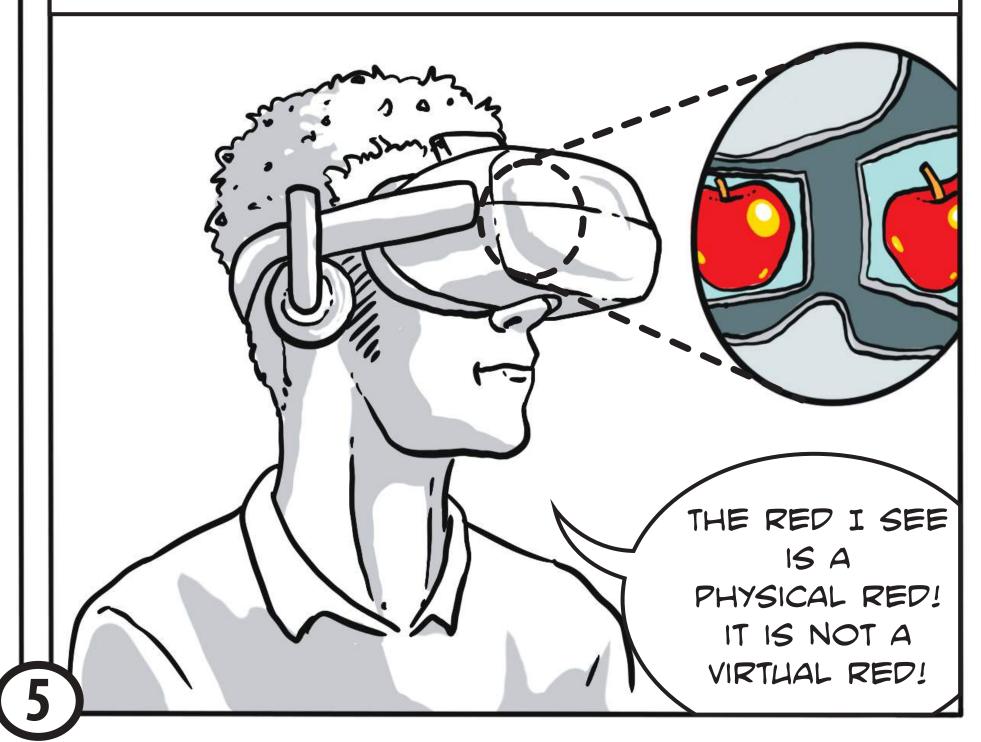
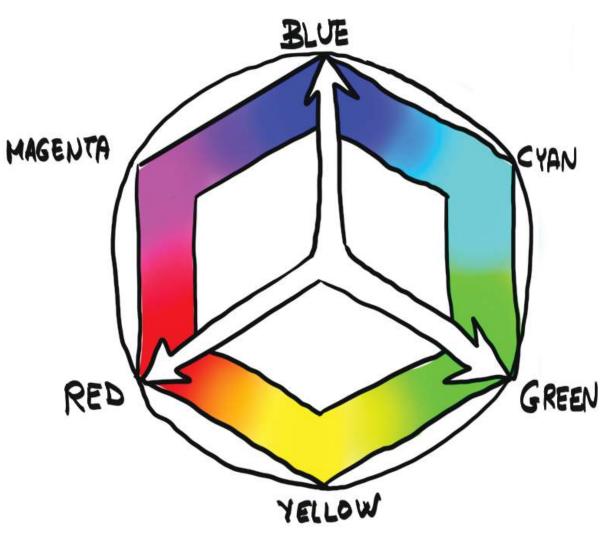
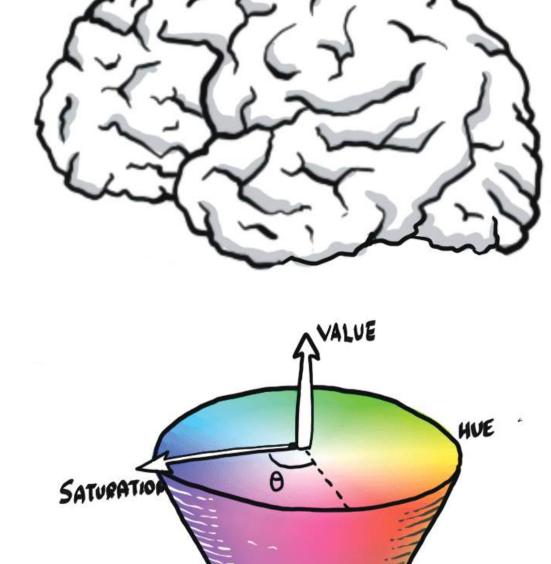


CONVINCE YOURSELF BY CONSIDERING VIRTUAL REALITY. ARE THERE ANY VIRTUAL COLORS INSIDE THE DEVICE? NO, JUST PHYSICAL COLORS. A PURE VIRTUAL RED, SO TO SPEAK, DOESN'T EXIST! THERE ARE ONLY TINY LCD SCREENS!

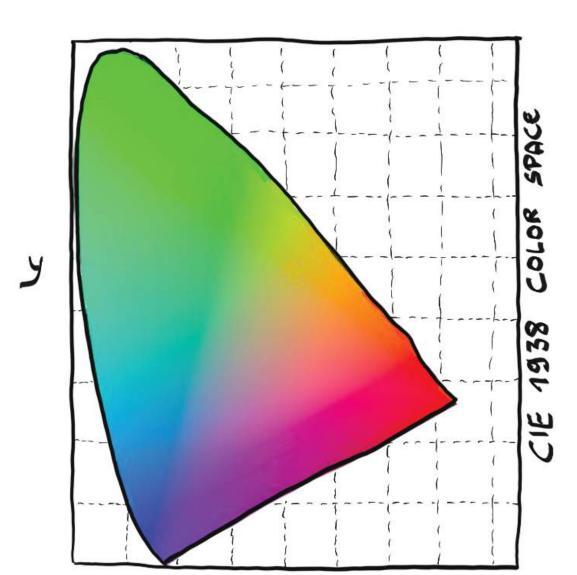


THE IDEA THAT THE BRAIN HAS A COLOR SPACE HAS LED MANY TO MODEL COLOR IN GEOMETRICAL SPACES. THEY ARE ACCURATE AND USEFUL TOOLS, BUT THEY ARE NOT REAL PHYSICAL SPACES.

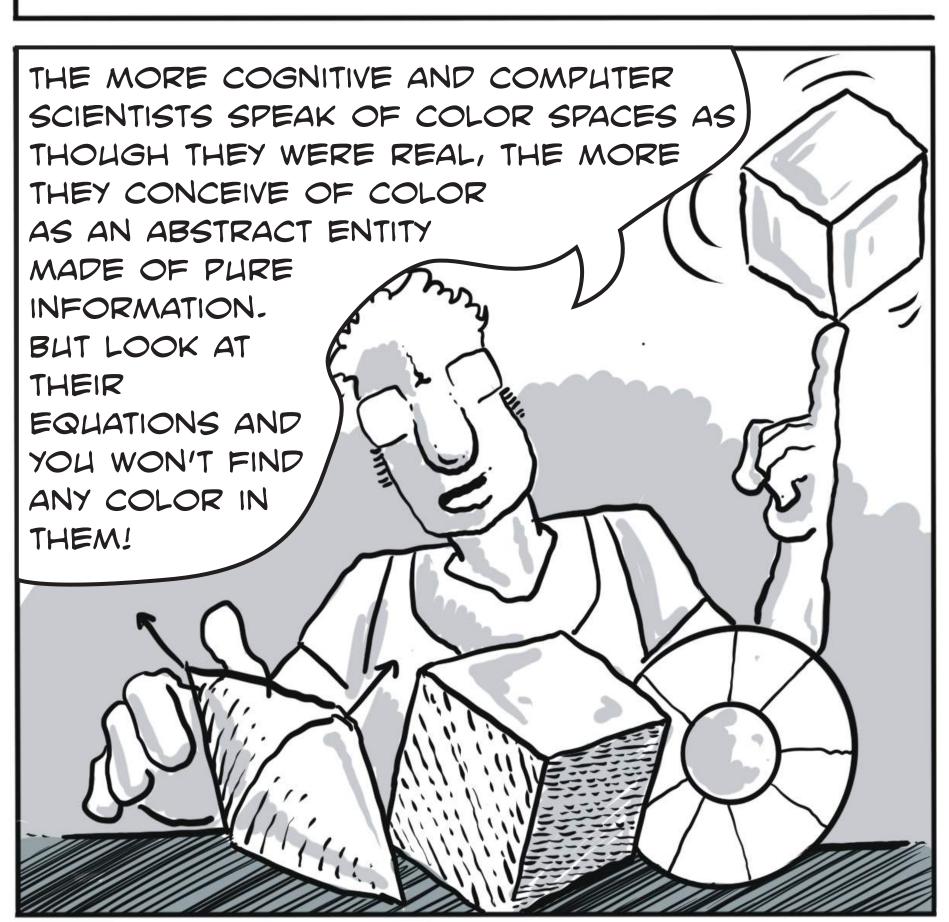




COLOR SPACES ARE SIMPLY WAYS
TO ORGANIZE COLORS IN AN
EFFICIENT WAY, YET THEY ARE NOT
... INSIDE THE BRAIN!



×



MMM... WE'VE COME FULL CIRCLE SINCE NEWTON.

IF COLORS ARE NEITHER IN THE EYE NOR IN THE BRAIN, MAYBE WE WERE TOO HASTY! AFTER ALL THE APPLE REALLY LOOKS RED! WHAT IF COLORS WERE IN THE EXTERNAL WORLD?

I'M RED!

I'M RED!

WHY DON'T YOU SEE ME!

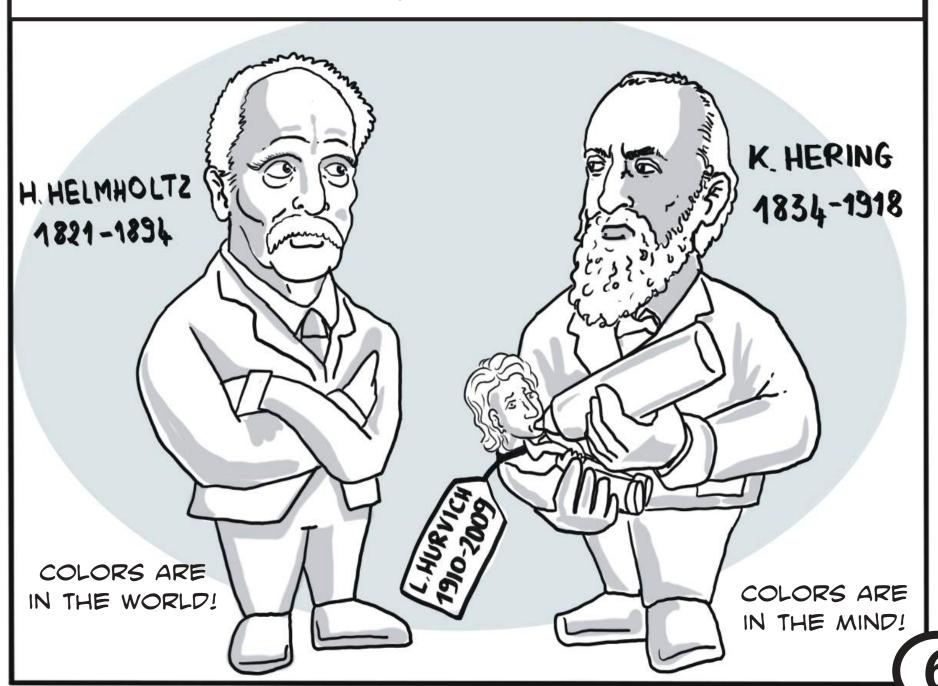
I'M HERE!

LOOK AT ME!

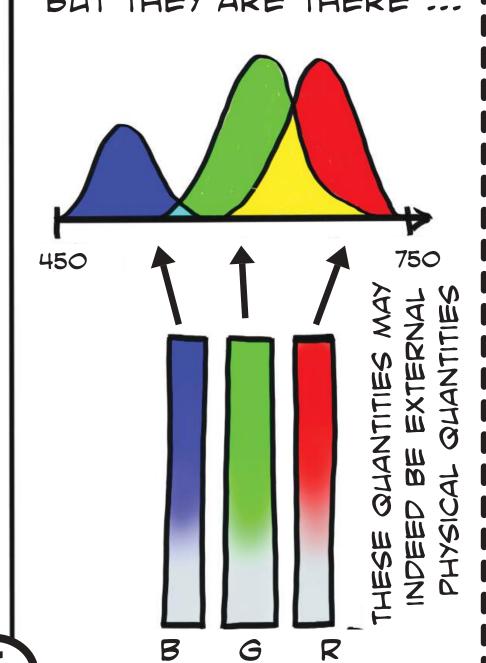
I CAN DO TRICKS!

CAN'T I?

LET'S TAKE A STEP BACK. IN THE 1850S A WAR RAGED BETWEEN TWO GIANTS IN COLOR SCIENCE! ON ONE HAND, HELMHOLTZ BELIEVED THAT COLORS ARE PHYSICAL QUANTITIES, WHILE ON THE OTHER, HERING CLAIMED THAT COLORS ARE MENTAL OPPONENT QUANTITIES!



ONE IDEA IS THAT THE
WORLD CONTAINS
QUANTITIES (RED, GREEN
AND BLUE) THAT OUR
BODY PICKS UP,
BUT THEY ARE THERE



THE OTHER IDEA IS
THAT THERE IS
NOTHING IN THE
WORLD AND THAT OUR
BODY CREATES
COLORS IN SOME
MENTAL SPACE ...

