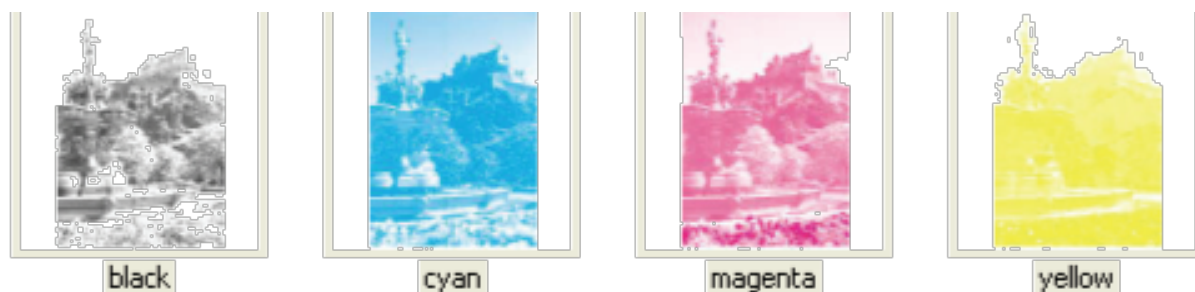


Acetates: Demonstrating how putting the colours together gives us the full picture.

Tandem Cells – Catching the Rainbow



Put the four different coloured pictures on top of each other?
What do you see?

Photos and pictures are often made up of the four colours black, cyan, magenta and yellow. Different amounts of each colour combine to get all the colours of the rainbow and make the complete picture.

Solar cells are optimised so that they are better at absorbing one colour better than another. A **tandem cell** is made up of a few solar cells connected together, each one absorbing at a different colour. So like the picture above, this allows the tandem cell to absorb the whole rainbow of colours and give us more electrical energy from the sun.







