

## **Understanding Color Management Profiles**

Are you having trouble understanding color management profiles? If you are consider the following conceptualization of how they work.

A profile can be viewed as a Curves Adjustment layer. The profile corrects for the color inaccuracies of either an input or output device by building the equivalent of a Curves adjustment layer.

The difference between Assigning a profile and Converting to a profile is also a simple conceptualization. Conceptualize Assigning a Profile as creating a Curves Adjustment layer on top of the object layer. This Curves adjustment layer is used to modify the view of the pixel colors in the base object without changing them permanently just like a real Curves adjustment layer.

Converting to a profile takes any imbedded (assigned) profile and the profile you are converting to and uses these Curves adjustment layers to change the pixels in the base object layer. It is similar to creating one or two adjustment layers and merging them with the object layer.