The data above was generated by a 3rd party testing agency in Japan using strict scientific test methods. This test was designed to compare the lightfastness of the 5 most popular solvent inks for outdoor digital printing today. As yellow inks fade the fastest of any color, only yellow inks of each of the 5 solvent ink sets are shown. Inks were printed on high quality vinyl and tested using a Metal Halide light source and test methodology that was designed to simulate outdoor UV sunlight conditions over time at a zero degree orientation. This test is not a guarantee of performance for any of the inks, as many factors can increase or decrease lightfastness of inks in a real world environment. However, the test shows significant differences between inks and should be considered when purchasing a wide-format printer and inks for a specific application/outdoor product life span.
How Important Is Yellow?

While yellow may not seem like an important color, it is used extensively in most process printers, including all wide-format digital printers. Yellow is not only important to yellow objects, it is a key component in reds, oranges, greens, and many blues. Output that fades over time has the potential to damage your business and ruin customer relationships forever. While many manufacturers today promote their printers for applications like vehicle wraps and long-term outdoor signs and banners, they fail to publish any scientific test data that backs up those claims. Why risk your business to output that could fade in the next few years? Trust your business to ColorPainter inks.

The images above were not printed, but had yellow removed digitally to offer a visual representation of what a graphic may look like after significant yellow fading. No other colors were changed. While they usually fade less than yellow, magenta, cyan and black inks may also fade. Inks that fade in other colors besides yellow may look worse than the examples above.