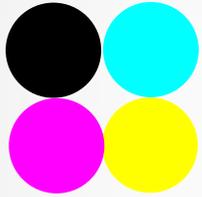


HP DesignJet Z6 and Z9+ deliver greater quality with fewer inks

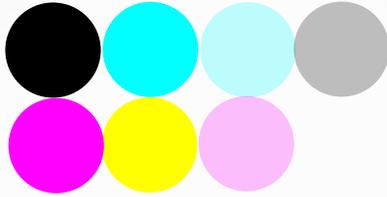
With HP's first large format dual drop weight printhead, combined with other HP print innovations

PRE-DesignJet Z6 and Z9+ - HISTORY TIMELINE



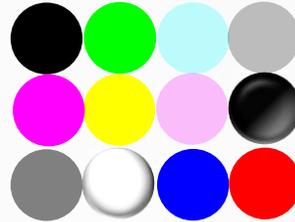
Early Grain issues

In the early years of inkjet photo printing image grain was quite noticeable due to printhead limitations in generating small enough drops of ink.



Introduction of light colored inks

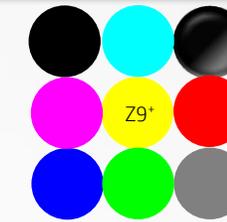
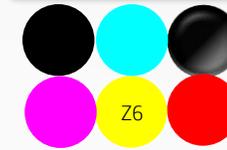
To overcome this, light colored inks were introduced. As lighter colors are less visible to the human eye, they hid the appearance of image grain giving the illusion of better image quality even though the drops of ink were still relatively large.



Ink proliferation

Additional ink colors were introduced for expanded gamut. Some inkjet systems reaching up to 12 inks.

WITH HP DesignJet Z6 and Z9+



ACHIEVE

8 inks quality with 6 inks
12 inks quality with 9+ inks

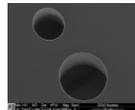
HP 746 HDNA printhead with dual drop weight technology

Smaller drops of ink eliminate the need to use light colored inks for hiding image grain. Dual drop weight technology delivers both large drops of ink for uniform area fills at speed, and small 3pl drops of ink to reduce grain in light areas.

Result, HP Z-series quality achieved with fewer inks.



HP 746 HDNA PRINthead with DUAL DROP WEIGHT



Faster without losing quality
More nozzles generating multiple drop sizes

- High Definition Nozzle Architecture (HDNA) – now 2X the nozzles
- True 2400 nozzles per inch definition
- Dual drop weight technology with dedicated nozzles for maximum ink flow and smooth transitions
- Smart nozzle utilization to improve error hiding
- Convenient one SKU universal design for all colors saves space

Dual Drop Weight colors – M C PK CB G
Single Drop Weight colors – Y CR MK CG GE

HP 746 PRINthead CORE to + COMBINED WITH the HP PRINT TECHNOLOGY STACK



Materials, hardware, software - Tightly integrated
For amazing output - And seamless user experience

- Smoother color transitions
- Richer dark colors
- Fewer artifacts
- Sharper detail
- Predictable prints looking like their soft proofs

Gives the HP DesignJet Z6 and Z9+
GREATER QUALITY WITH FEWER INKS

