

The background features a dark blue gradient with a subtle pattern of white stars and nebulae. Overlaid on this are several technical diagrams in a lighter blue color. These include circular protractors with degree markings (e.g., 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260), concentric circles, and curved arrows indicating motion or direction.

VECTOR GRAPHICS

VS

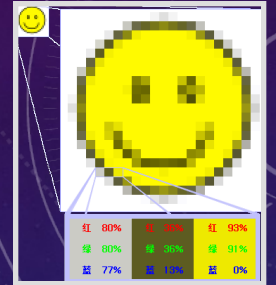
RASTER GRAPHICS

VECTOR GRAPHICS (SCALABLE)

Vector graphics are computer graphics by point , line or polygon , etc. based on mathematical equations geometry shows an image .



RASTER GRAPHICS (BITMAP)



A raster graphics image is a dot matrix data structure representing a generally rectangular grid of pixels, or points of color, viewable via a monitor, paper, or other display medium.

SMALLEST ELEMENT

Vector Graphics

points, lines, curves,
and shapes or polygons

Raster Graphics

Pixels or points of color

ADVANTAGES

Vector Graphics

- ① File is small
- ② Image element objects can be edited
- ③ Does not affect the image to enlarge or reduce the image resolution

Raster Graphics

As long as there is a sufficient number of pixels of different colors, you can create a colorful image, vividly show the nature of the scene

DISADVANTAGES

Vector Graphics

Photorealistic low fidelity, to draw natural and high imagine takes a lot of skills

Raster Graphics

- ① Zoom and rotate easily distorted
- ② File is big