

Y

yaw. In communications, a rotation of a satellite about an axis that joins the satellite to the centre of the earth. *See* PITCH, ROLL.

Y-axis. In mathematics, a horizontal axis in a set of three-dimensional cartesian coordinates. *Compare* X-AXIS, Z-AXIS. *See* CARTESIAN COORDINATES.

Yellow Book. In standards, informal name for read-only memory compact disc specification. (Philips). *Compare* GREEN BOOK, RED BOOK. *See* COMPACT DISC – READ-ONLY MEMORY.

yellow disc. In optical media, a read-only memory compact disc. (Philips). *Compare* GREEN DISC, RED DISC. *See* COMPACT DISC – READ-ONLY MEMORY.

yoke. In memory systems, a group of read/write heads. *See* READ/WRITE HEAD.

Younger Committee. A UK committee that considered the problems of data protection and privacy. It reported in 1972. *See* DATA PROTECTION, PRIVACY.

YUV. In video, a symbol denoting the luminance signal (Y) and two chrominance signals (U and V). (Philips). *See* CHROMINANCE SIGNAL, DELTA YUV, LUMINANCE SIGNAL, YUV ENCODING.

YUV encoding. In video, a video encoding scheme that takes advantage of the humans eye's reduced sensitivity to colour variations, as opposed to intensity variations. In each picture line, the luminance (Y) information is encoded at full bandwidth, while on alternative lines the chrominance (U and V) signals are encoded at half bandwidth. (Philips). *See* CHROMINANCE SIGNAL, LUMINANCE SIGNAL, YUV.