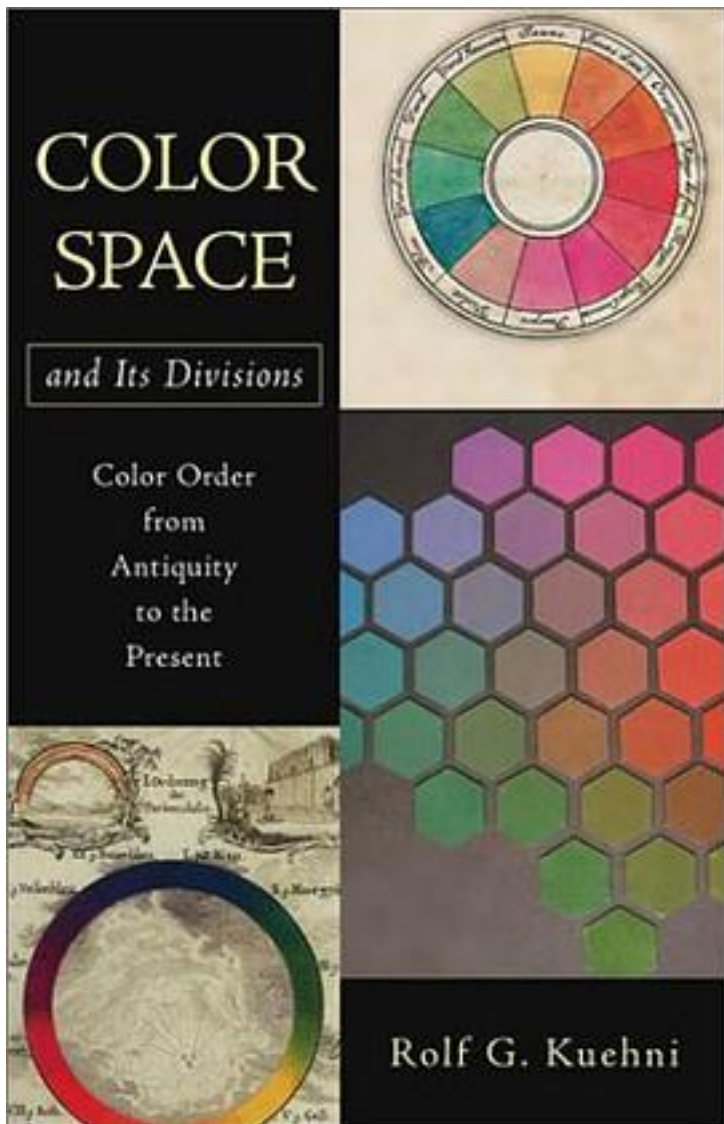


Color Space and Its Divisions



[Color Space and Its Divisions_ 下载链接1](#)

著者:Rolf G. Kuehni

出版者:Wiley-Interscience

出版时间:2003-03-31

装帧:Hardcover

isbn:9780471326700

It has been postulated that humans can differentiate between millions of gradations in color. Not surprisingly, no completely adequate, detailed catalog of colors has yet been devised, however the quest to understand, record, and depict color is as old as the quest to understand the fundamentals of the physical world and the nature of human consciousness. Rolf Kuehni's *Color Space and Its Divisions: Color Order from Antiquity to the Present* represents an ambitious and unprecedented history of man's inquiry into color order, focusing on the practical applications of the most contemporary developments in the field. Kuehni devotes much of his study to geometric, three-dimensional arrangements of color experiences, a type of system developed only in the mid-nineteenth century. Color spaces are of particular interest for color quality-control purposes in the manufacturing and graphics industries. The author analyzes three major color order systems in detail: Munsell, OSA-UCS, and NCS. He presents historical and current information on color space developments in color vision, psychology, psychophysics, and color technology. Chapter topics include: * A historical account of color order systems * Fundamentals of psychophysics and the relationship between stimuli and experience * Results of perceptual scaling of colors according to attributes * History of the development of mathematical color space and difference formulas * Analysis of the agreements and discrepancies in psychophysical data describing color differences * An experimental plan for the reliable, replicated perceptual data necessary to make progress in the field Experts in academia and industry, neuroscientists, designers, art historians, and anyone interested in the nature of color will find *Color Space and Its Divisions* to be the authoritative reference in its field.

作者介绍:

目录:

[Color Space and Its Divisions_下载链接1](#)

标签

色彩空间

哲学

评论

[Color Space and Its Divisions_下载链接1](#)

书评

[Color Space and Its Divisions_下载链接1](#)