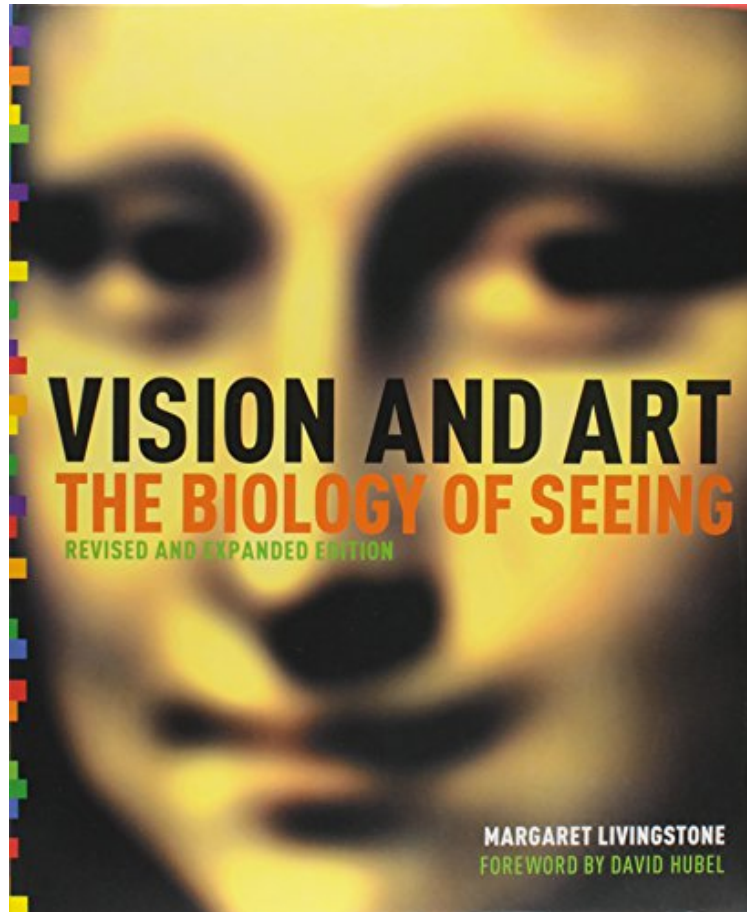


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Vision and Art (Updated and Expanded Edition)

Margaret S. Livingstone

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Margaret S. Livingstone : Vision and Art (Updated and Expanded Edition) before purchasing it in order to gage whether or not it would be worth my time, and all praised Vision and Art (Updated and Expanded Edition):

15 of 15 people found the following review helpful. Science and art come together
By Camera Bug
This is an excellent book both respect to its content and with respect to its production and printing. The full color illustrations are well coordinated with the text and often demonstrate rather remarkable effects. The relevance of the biology of vision to understanding some works of visual art offers a unique approach to both of these topics. Although I am a retired professor of psychology who has covered some of this material in my classes, I discovered new insights from this book. Nevertheless, the material should also be accessible to a reader who does not have a previous exposure to these ideas. Of additional interest is the material on the development of color television and how this relates to the way color is represented in human vision. If I may propose an extension of the author's conclusions, findings showing that the color system has much lower resolution than the form system would seem to suggest that the reason black and white photography can be so dramatic is that it eliminates distraction from lower resolution color information.
0 of 0 people

found the following review helpful. An interesting and different perspective on artBy James E SaundersAn interesting book - I bought it as a photographer as something different to read (there's only so many technical manuals you can digest). Understanding the science behind vision has really helped me see the world differently. This is a very interesting perspective on art that I enjoyed reading. While it does get a bit technical, it's quite easy to understand with no scientific background. I think this is a must read for photographers and artists, it's just such a different perspective to most books on those subjects.0 of 0 people found the following review helpful. Five StarsBy Jorge Canoexcellent

With the original release of *Vision and Art* in 2002, Harvard professor Margaret Livingstone successfully bridged the gap between science and art, exploring how great painters fool the brain: why Mona Lisa's smile seems so mysterious, or Monet's *Poppy Field* appears to sway. In the revised and expanded edition, Livingstone presents two new chapters of her latest observations, has substantially expanded other chapters, and updates the rest of the existing text with new insights gleaned from her ongoing research, bringing the book to the cutting edge in the field of neuroscience. Accompanying Livingstone's lively prose are many charts and diagrams that lucidly illustrate her points, as well as in-depth analyses of the phenomena found in major works of art. Be it the explanation of common optical illusions or the breakdown of techniques painters use to create those illusions, *Vision and Art* provides a wealth of information for artists, scholars, and scientists alike.

About the AuthorMargaret Livingstone is a professor of neurobiology at Harvard Medical School. She has published numerous scholarly articles about vision. She lives in Brookline, Massachusetts. David Hubel is a professor of neurobiology at Harvard Medical School and shared the 1981 Nobel Prize in Physiology or Medicine.