

Physique du Bâtiment II

Phénoménologie

Chapitre 4.4 Rayonnement

Chapitre 9 Photométrie

(Ch 1) Propagation de la lumière

Chapitre 10 Colorimétrie (Ch 2) Perception des couleurs Diagramme chromatique

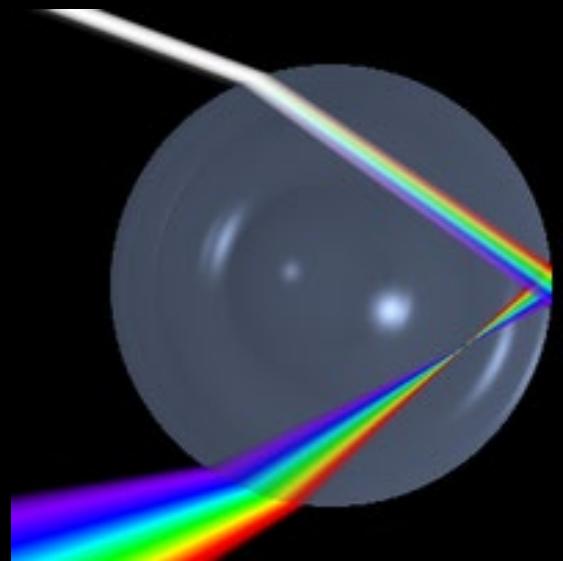
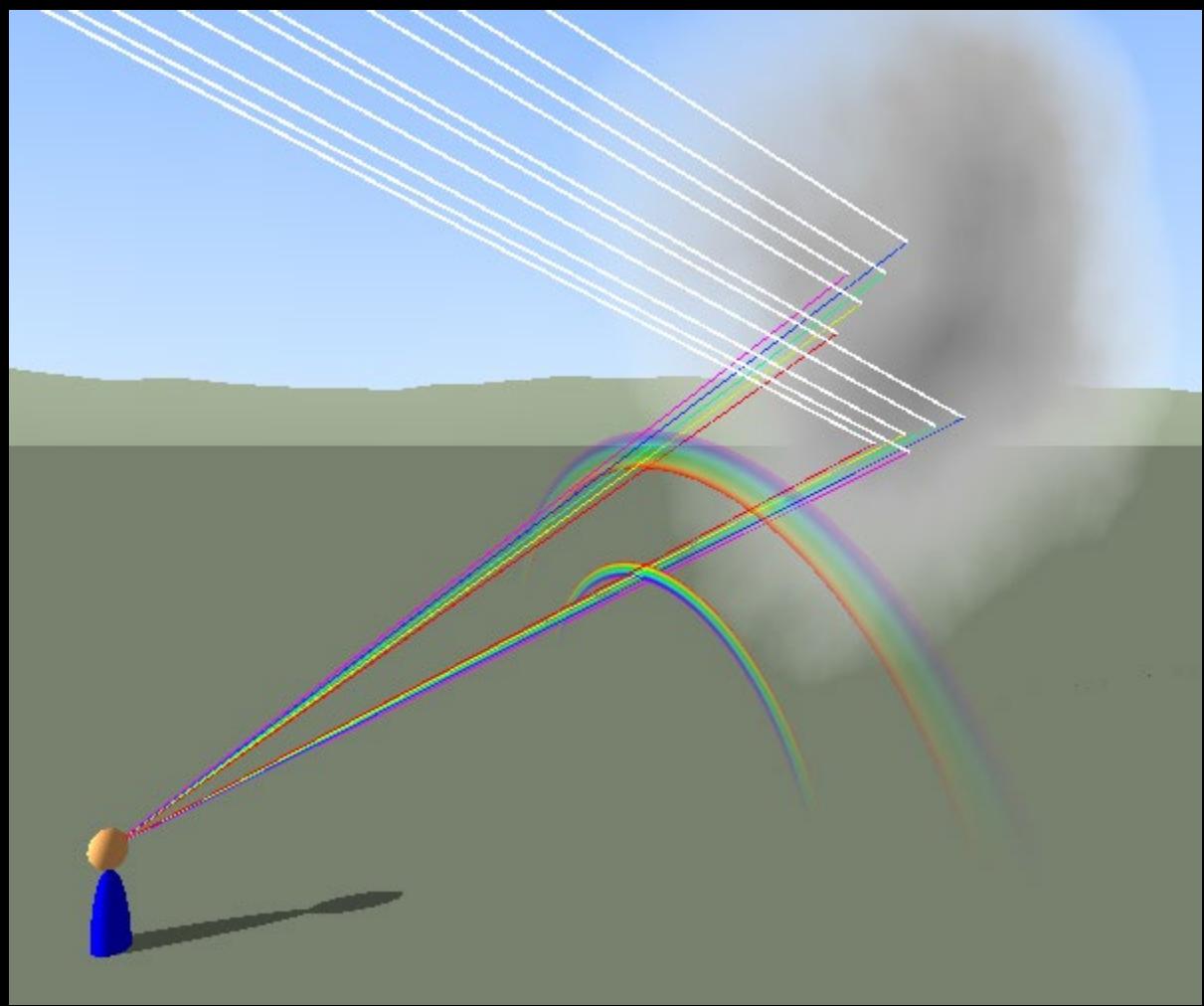
Chapitre 6 Propriétés des ondes sonores

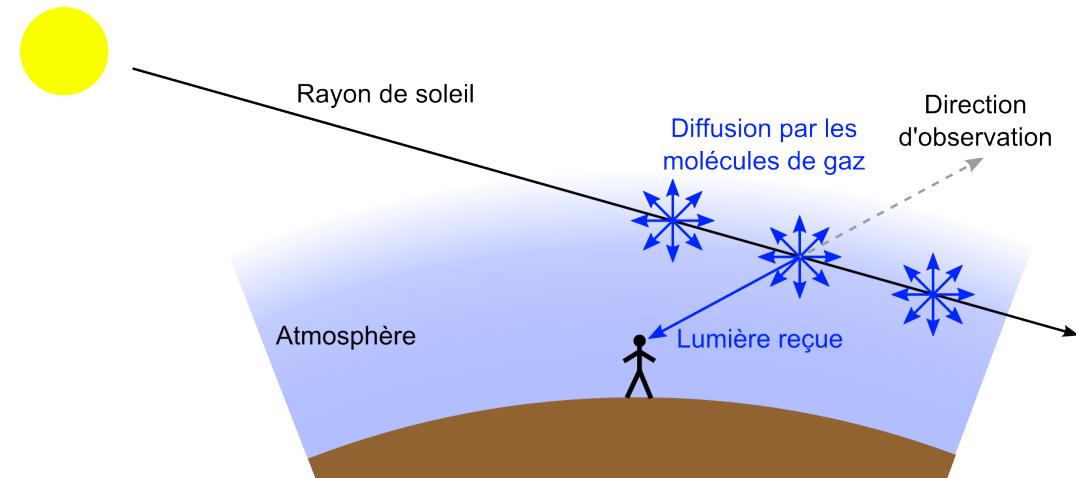
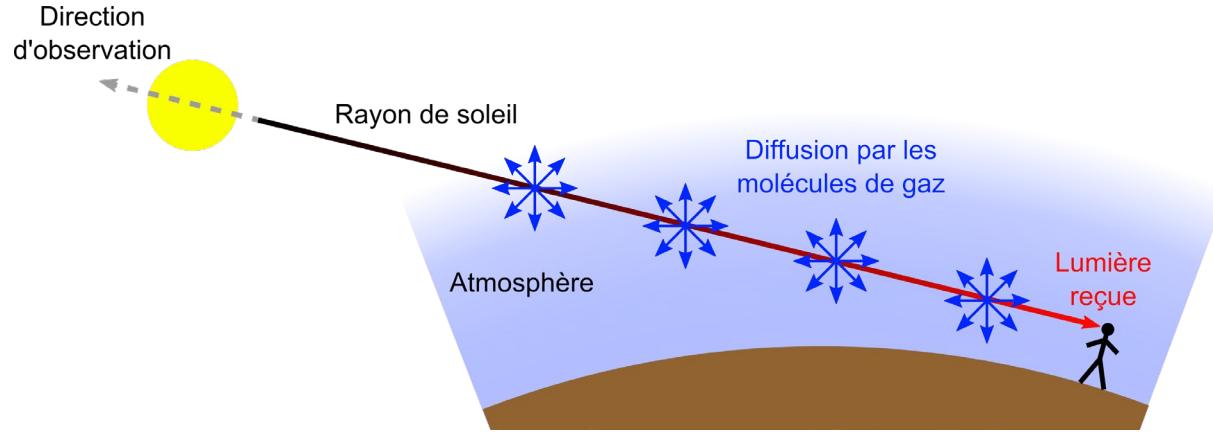
Superposition des ondes

Propagation du son

Acoustique

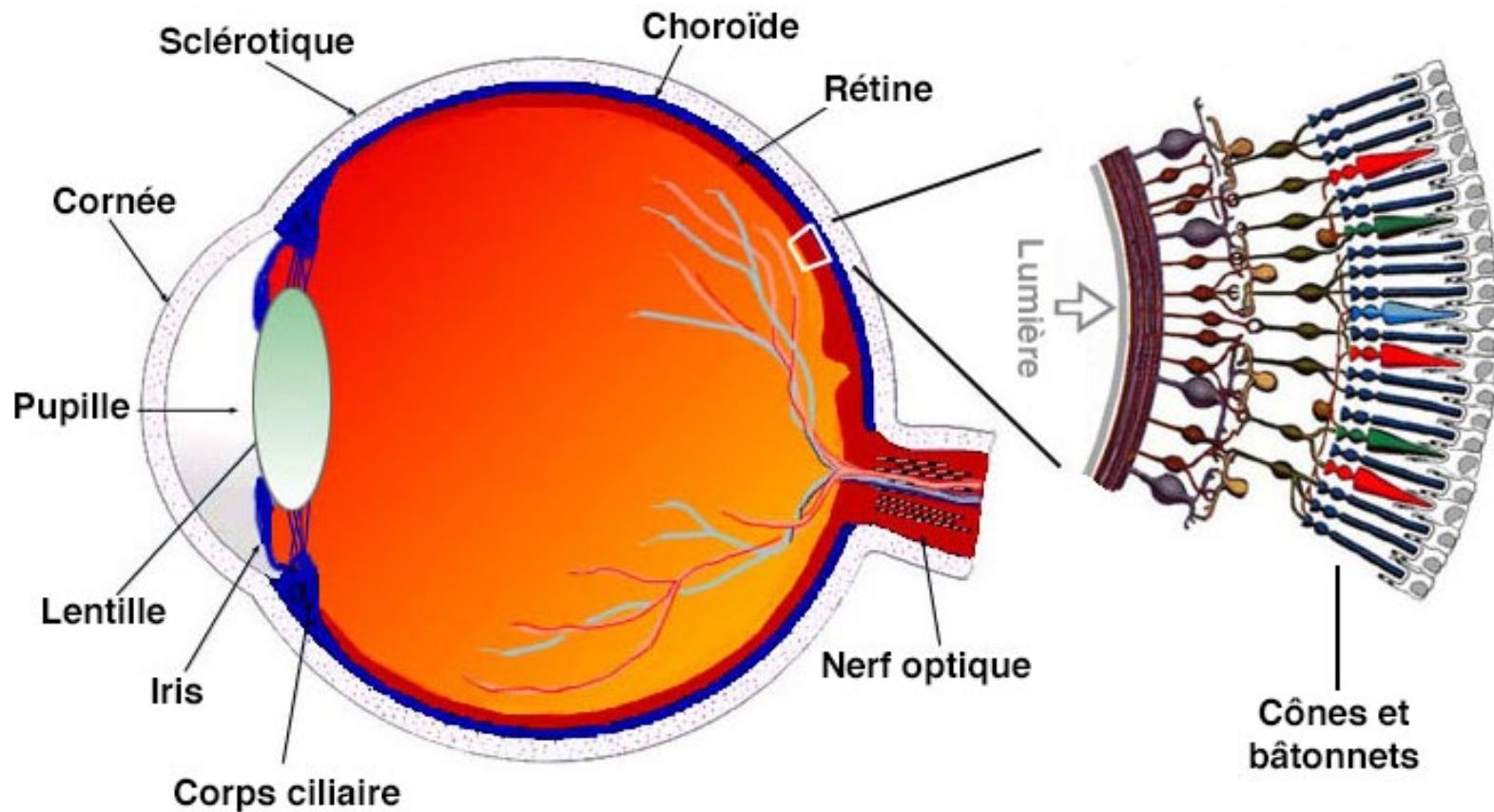
- géométrique
- ondulatoire
- statistique

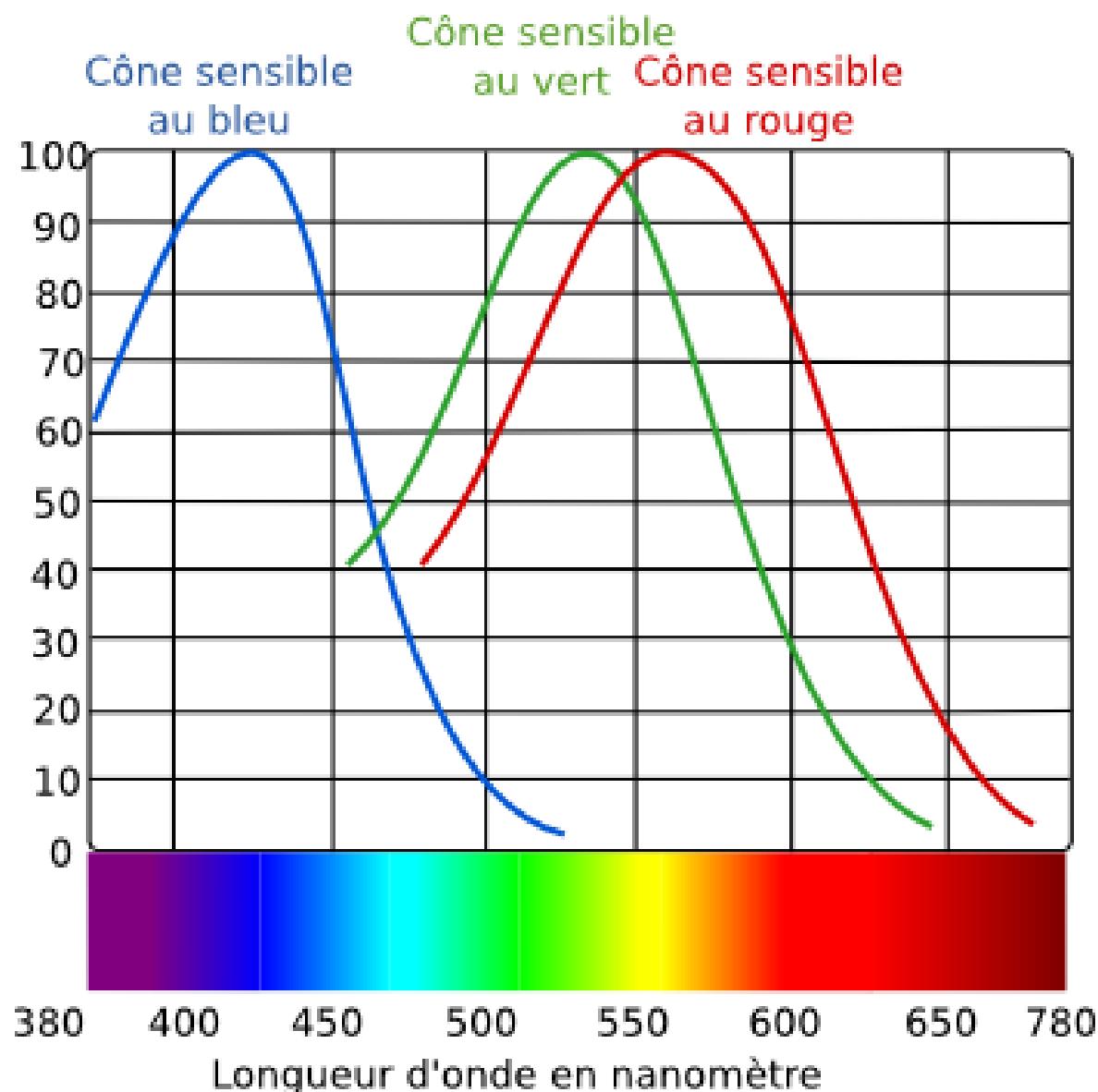


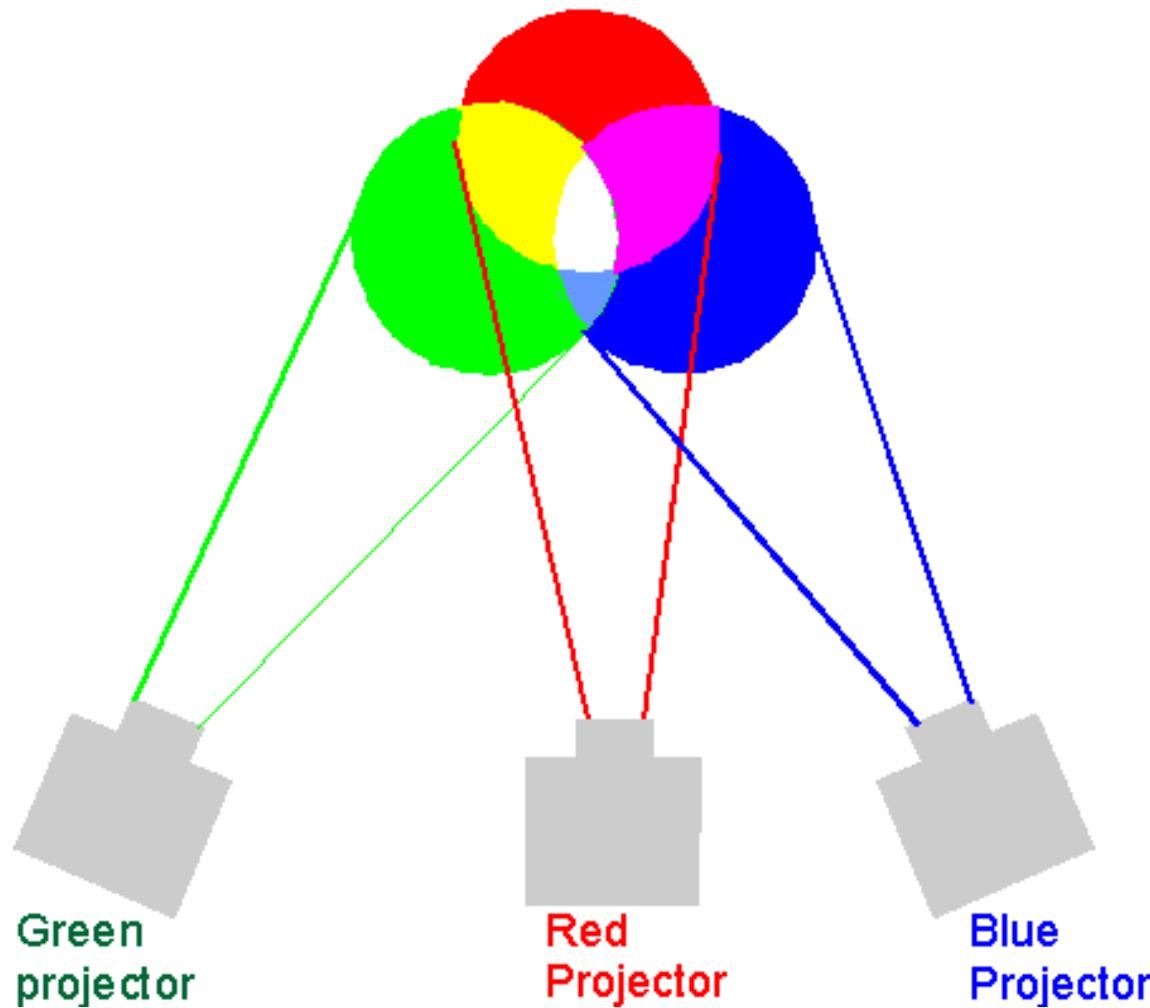






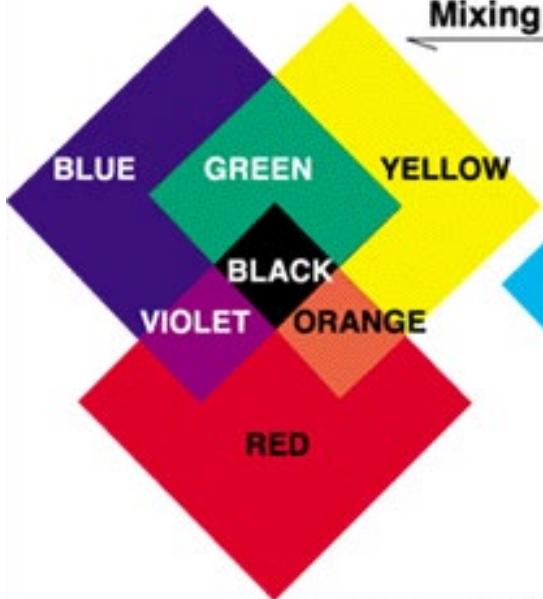




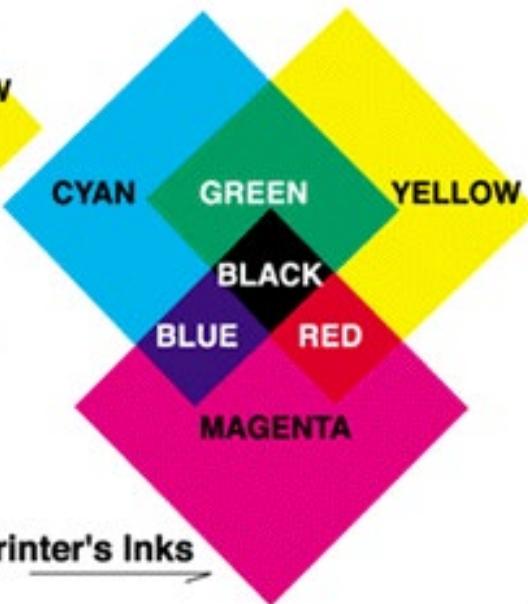


Subtractive Color Mixing

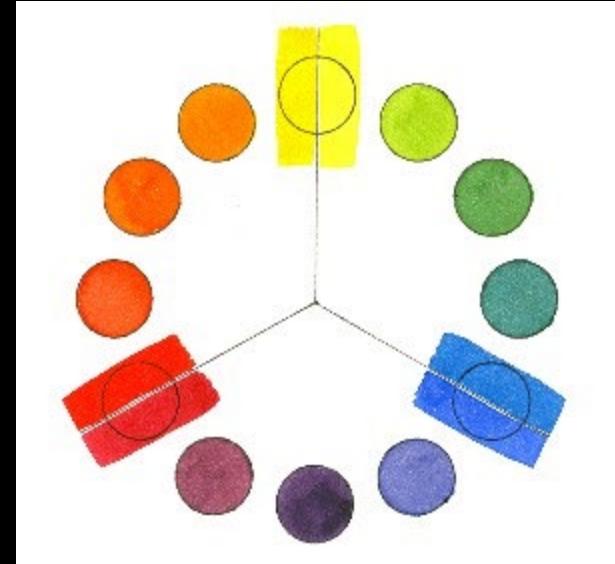
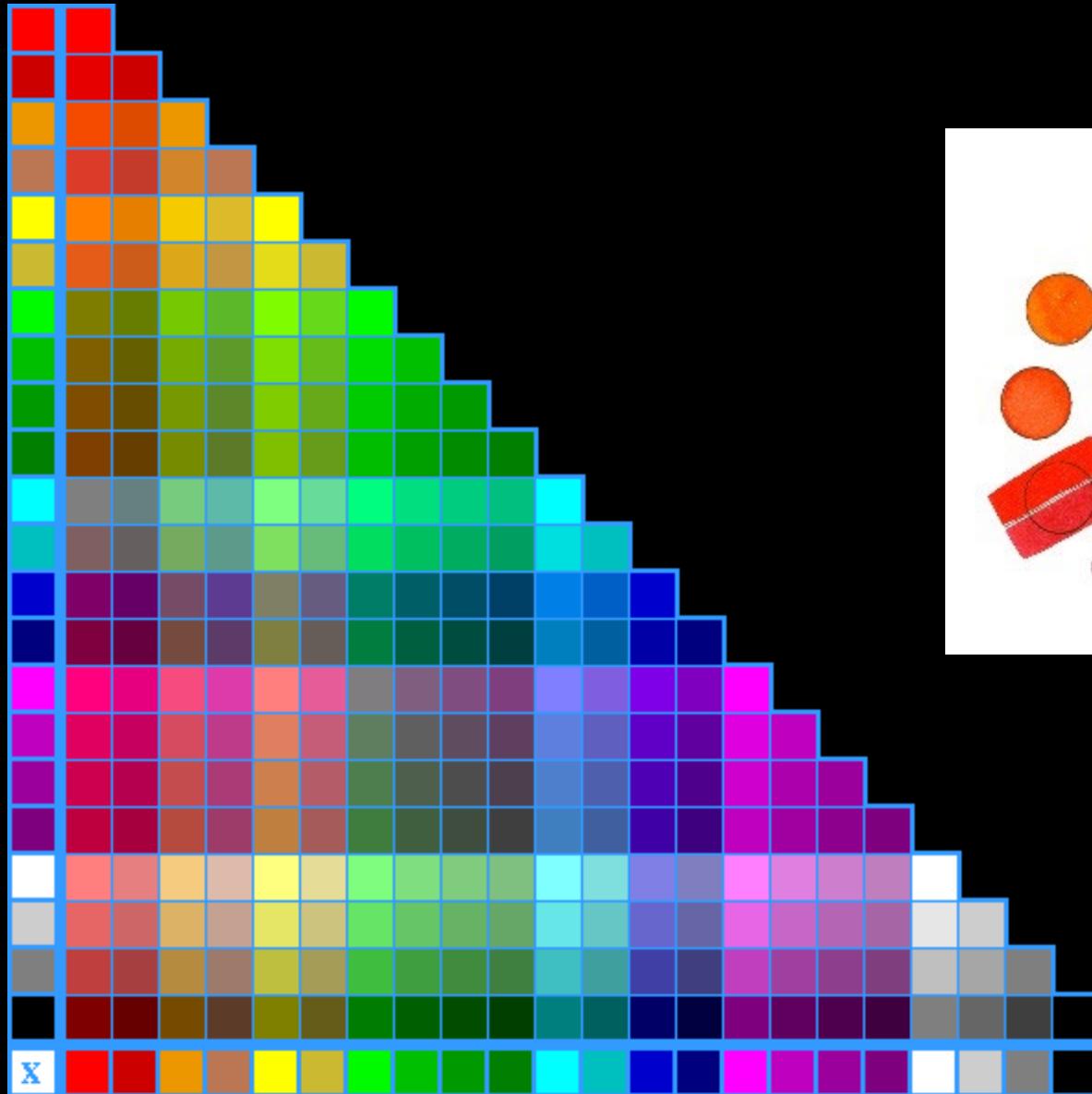
Mixing Paints



Mixing Printer's Inks



Subtractive color mixing





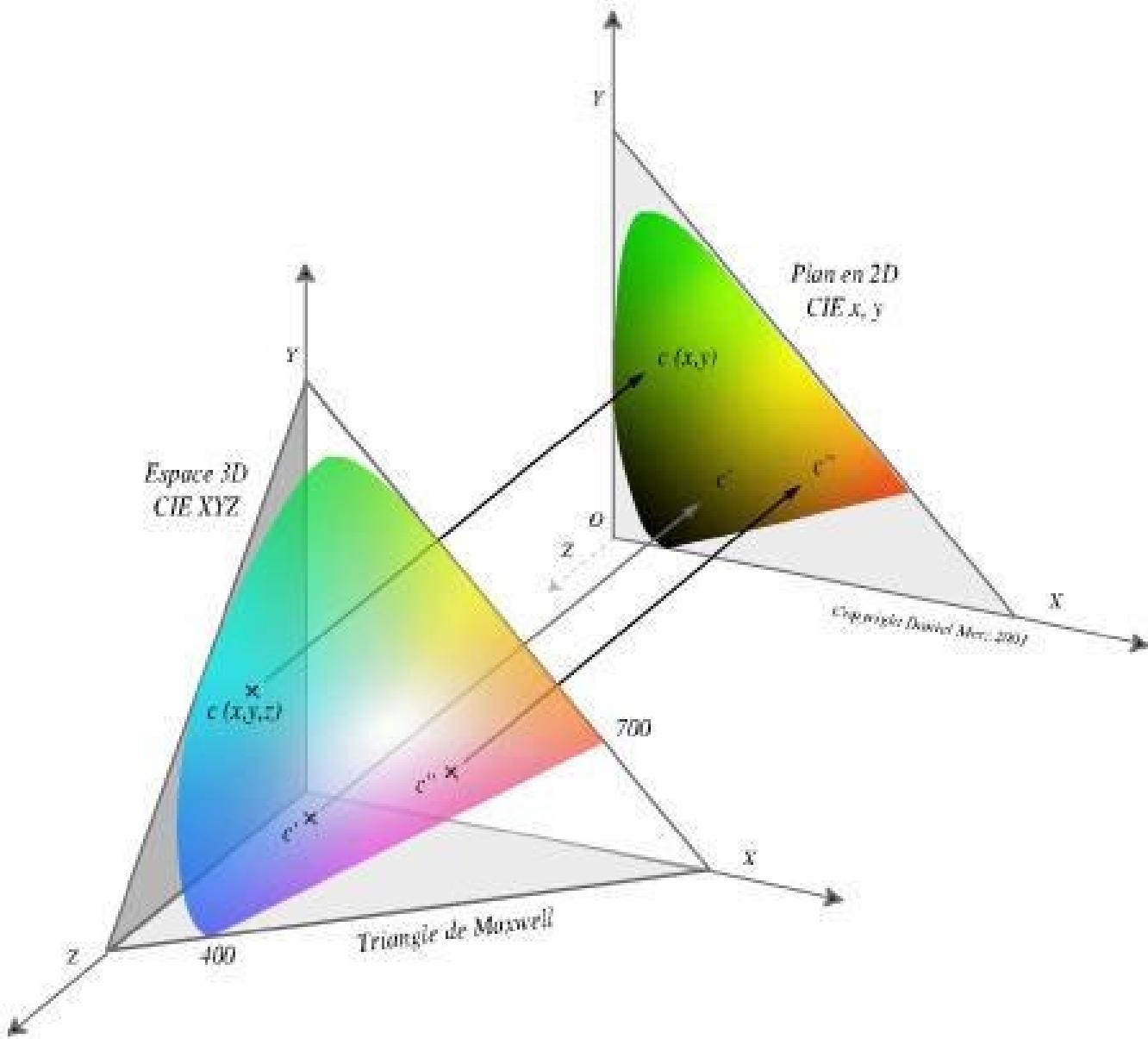
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RAL 1001	RAL 1012	RAL 1020	RAL 1034	RAL 2010	RAL 3005	RAL 3016
RAL 1002	RAL 1013	RAL 1021	RAL 2000	RAL 2011	RAL 3007	RAL 3017
RAL 1003	RAL 1014	RAL 1023	RAL 2001	RAL 2012	RAL 3009	RAL 3018
RAL 1004	RAL 1015	RAL 1024	RAL 2002	RAL 3000	RAL 3011	RAL 3020
RAL 1005	RAL 1016	RAL 1027	RAL 2003	RAL 3001	RAL 3012	RAL 3022
RAL 1006	RAL 1017	RAL 1028	RAL 2004	RAL 3002	RAL 3013	RAL 3027
RAL 1007	RAL 1018	RAL 1032	RAL 2008	RAL 3003	RAL 3014	RAL 3031

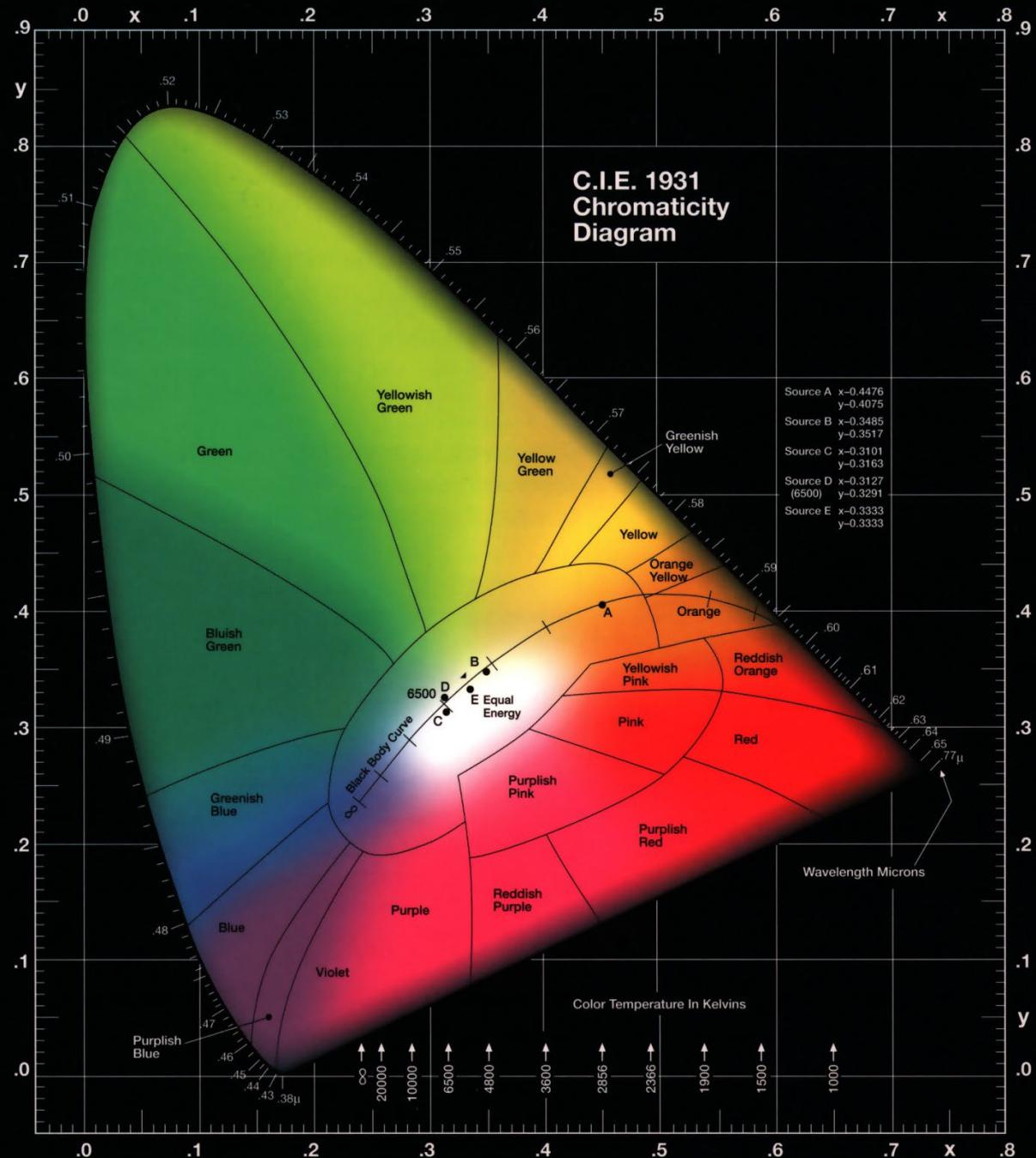
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RAL 4003	RAL 5001	RAL 5010	RAL 5019	RAL 6002	RAL 6010	RAL 6018
RAL 4004	RAL 5002	RAL 5011	RAL 5020	RAL 6003	RAL 6011	RAL 6019
RAL 4005	RAL 5003	RAL 5012	RAL 5021	RAL 6004	RAL 6012	RAL 6020
RAL 4006	RAL 5004	RAL 5013	RAL 5022	RAL 6005	RAL 6013	RAL 6021
RAL 4007	RAL 5005	RAL 5014	RAL 5023	RAL 6006	RAL 6014	RAL 6022
RAL 4008	RAL 5007	RAL 5015	RAL 5024	RAL 6007	RAL 6015	RAL 6024

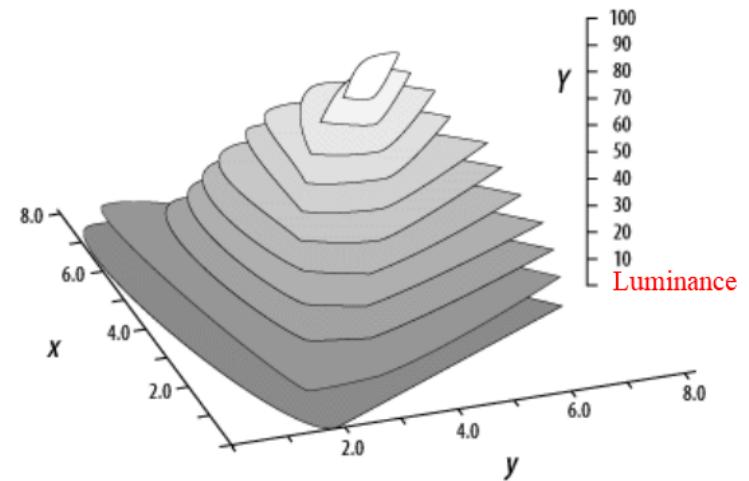
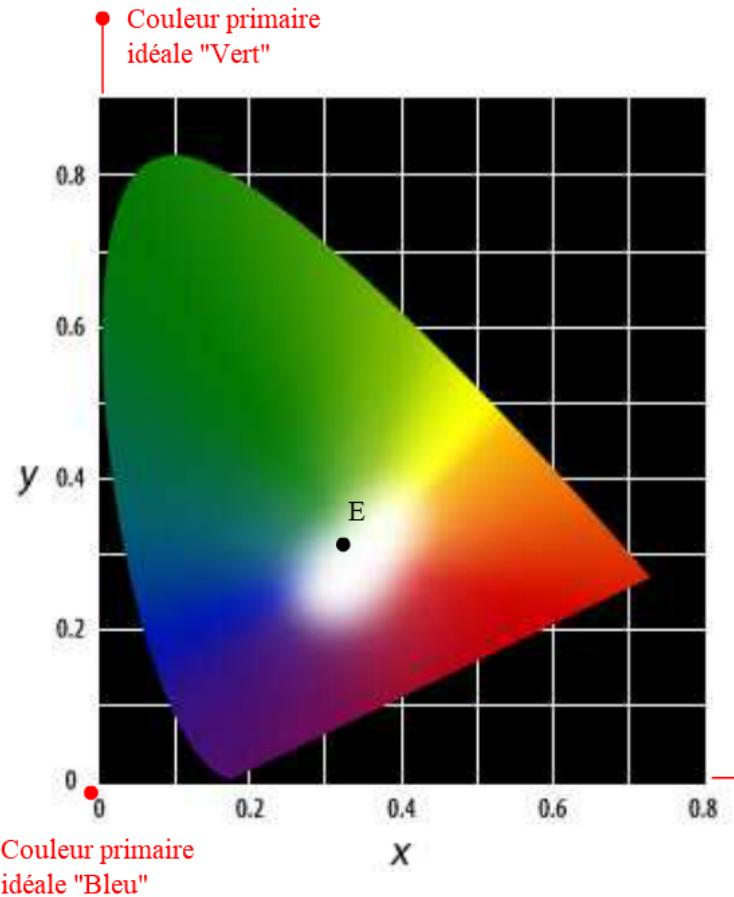
RAL 6025	RAL 7000	RAL 7009	RAL 7022	RAL 7034	RAL 7043	RAL 8008
RAL 6026	RAL 7001	RAL 7010	RAL 7023	RAL 7035	RAL 7044	RAL 8011
RAL 6027	RAL 7002	RAL 7011	RAL 7024	RAL 7036	RAL 8000	RAL 8012
RAL 6028	RAL 7003	RAL 7012	RAL 7026	RAL 7037	RAL 8001	RAL 8014
RAL 6029	RAL 7004	RAL 7013	RAL 7030	RAL 7038	RAL 8002	RAL 8015
RAL 6032	RAL 7005	RAL 7015	RAL 7031	RAL 7039	RAL 8003	RAL 8016
RAL 6033	RAL 7006	RAL 7016	RAL 7032	RAL 7040	RAL 8004	RAL 8017
RAL 6034	RAL 7008	RAL 7021	RAL 7033	RAL 7042	RAL 8007	RAL 8019

RAL 8022	RAL 8028	RAL 9003	RAL 9011
RAL 8023	RAL 9000	RAL 9004	RAL 9016
RAL 8024	RAL 9001	RAL 9005	RAL 9017
RAL 8025	RAL 9002	RAL 9010	RAL 9018

Die Farbangaben sind unverbindlich (Webdarstellung) und dienen lediglich der Orientierung.

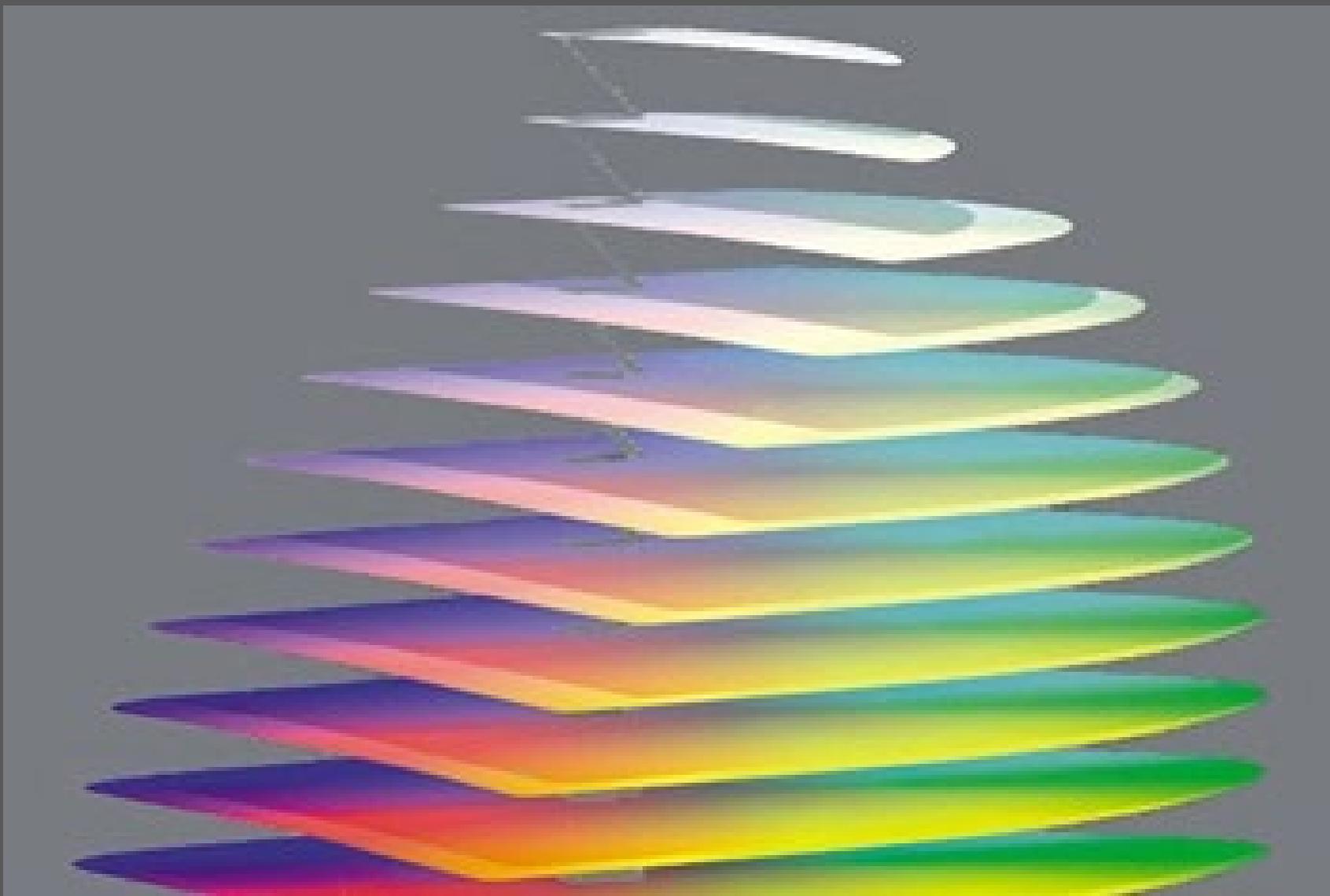


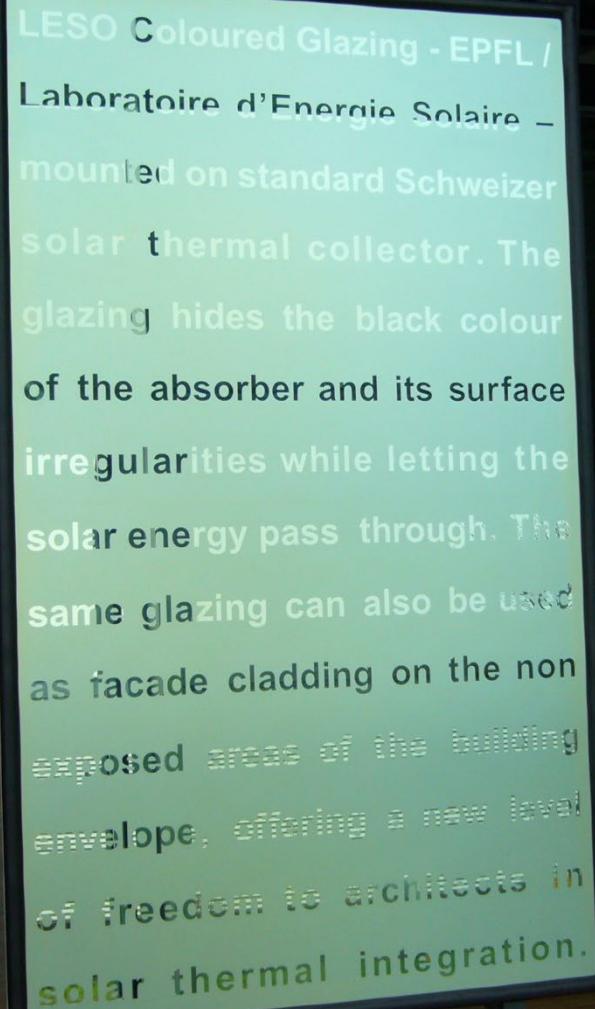




- Les coordonnées et composantes trichromatiques de toute couleur réelle sont positives;
- La composante Y n'est autre que la luminance de cette couleur ; elle est indépendante des deux autres primaires X et Z ;
- L'addition d'une unité de chaque couleur primaire produit un blanc idéal E.

Solide colorimétrique (ρ_{vis} , x , y)





LESO Coloured Glazing - EPFL /
Laboratoire d'Energie Solaire –
mounted on standard Schweizer
solar thermal collector. The
glazing hides the black colour
of the absorber and its surface
irregularities while letting the
solar energy pass through. The
same glazing can also be used
as facade cladding on the non
exposed areas of the building
envelope, offering a new level
of freedom to architects in
solar thermal integration.





