



Année internationale du verre

Lycée Jean Monnet - Ecole Nationale du Verre, à Yzeure (03)

4 - 8 AVRIL 2022

Rencontres entre enseignants, étudiants, artistes,
chercheurs et ingénieurs R&D

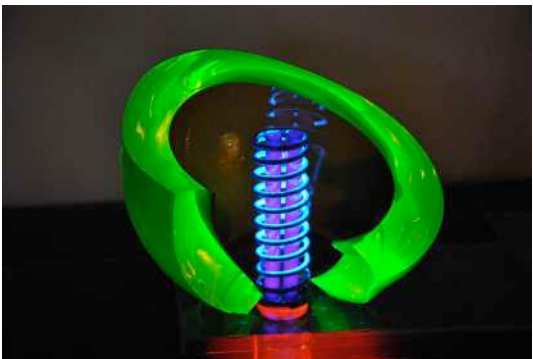
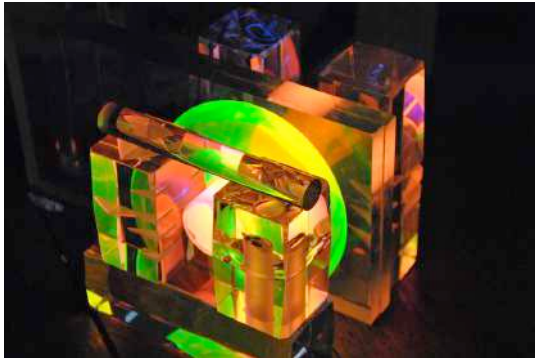
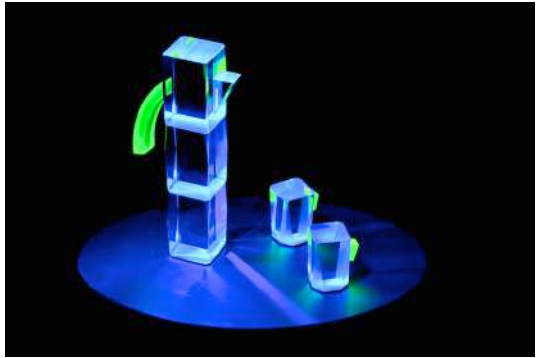
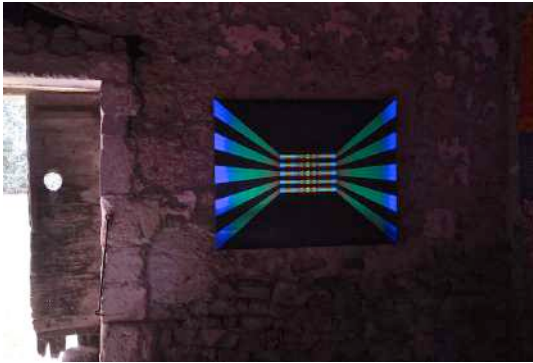
Témoignage d'Yves Braun, artiste verrier

Sculptures lumineuses

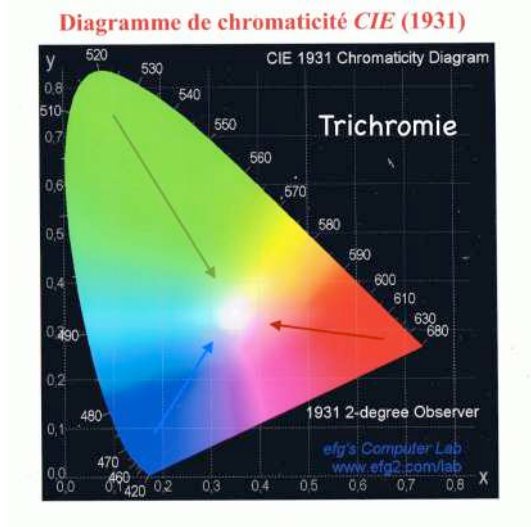
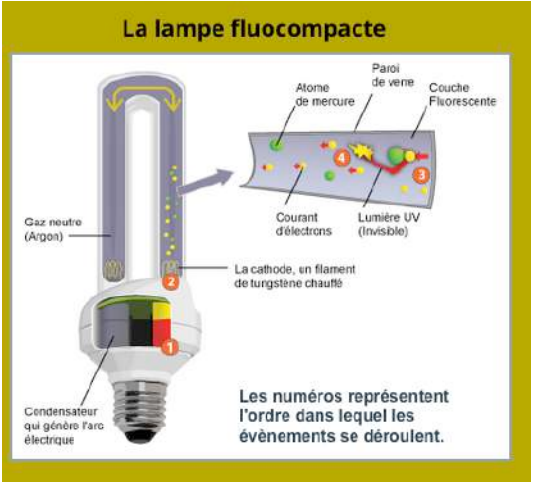
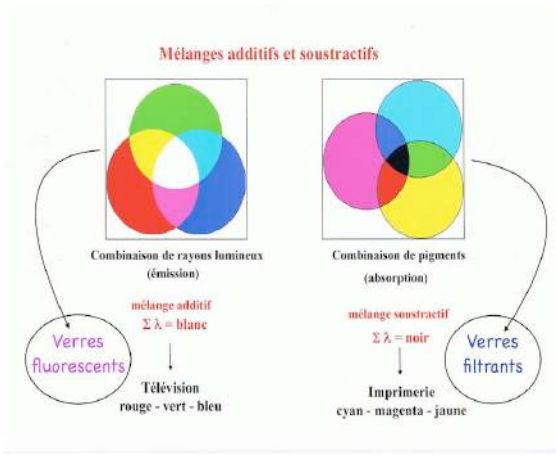
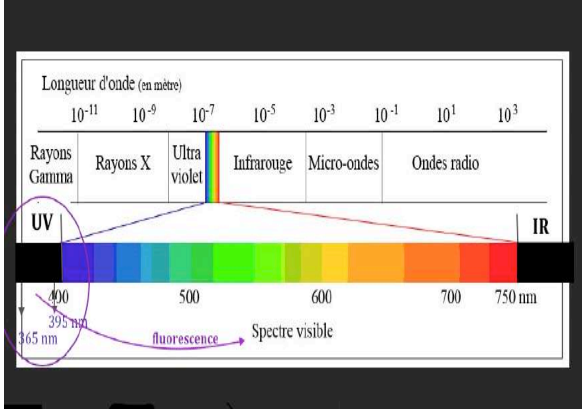
supports visuels

Avril 2022

Introduction



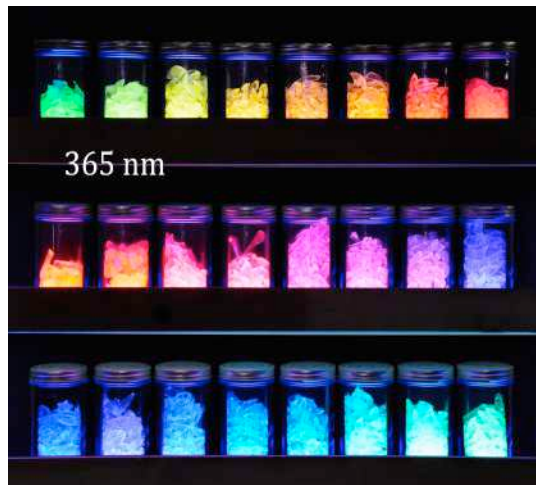
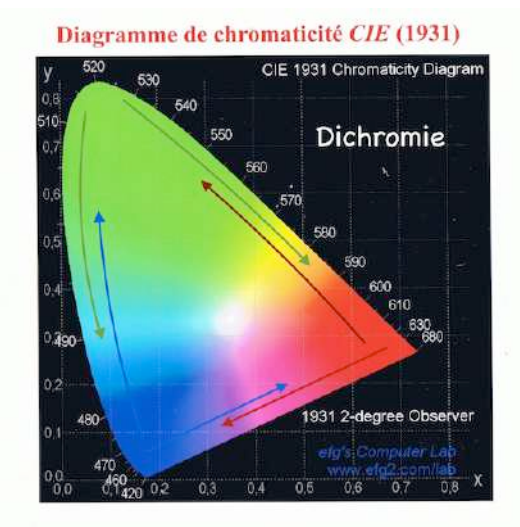
champs du visible
 domaine de travail de la fluorescence
 lumière blanche et trichromie



MENDELEEV'S PERIODIC TABLE OF ELEMENTS

1	2											13	14	15	16	17	18
H	He											B	C	N	O	F	Ne
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Li	Be	B	C	N	O	F	Ne	Na	Mg	Al	Si	P	S	Cl	Ar		
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se		
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te		
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66		
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po		
67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Fll	Uup	Lus		
LANTHANIDS		Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
ACTINIDS		Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

atelier 2007
gamme 365 nm
dichromie



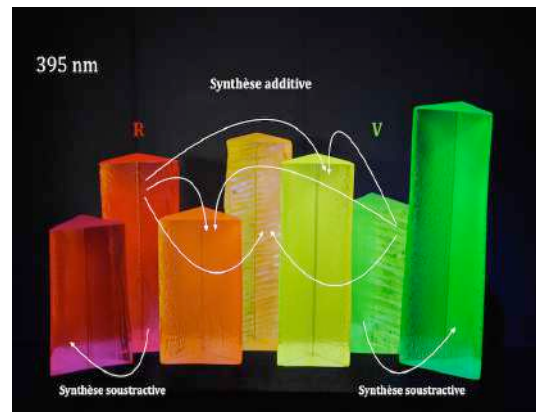
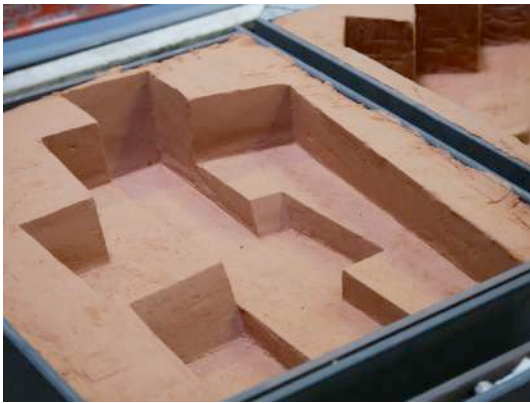


atelier 2019

four basculant
moules en sable

optimisation de la gamme:

- + source en Leds 395 nm
- + matrices colorées/filtrantes
- + élimination des composants non transparents aux UV

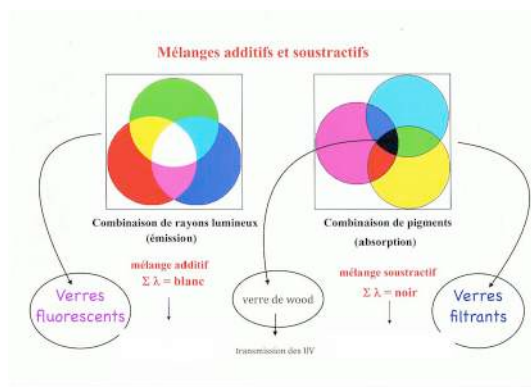




verre de Wood et autres
composés favorables:

cobalt
nickel
néodyme
etc.

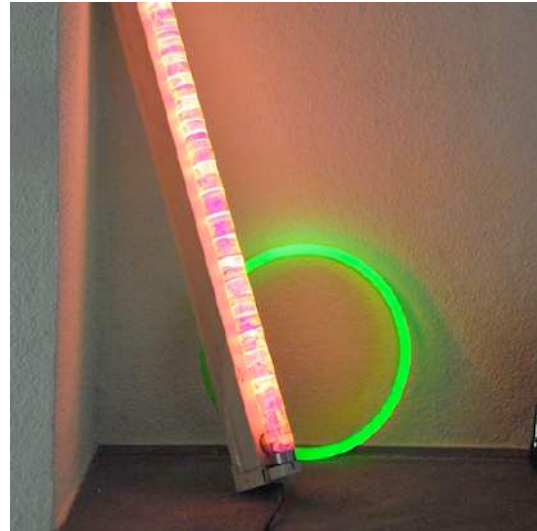
Verre de Wood - lumière noire
(verre au nickel et cobalt)



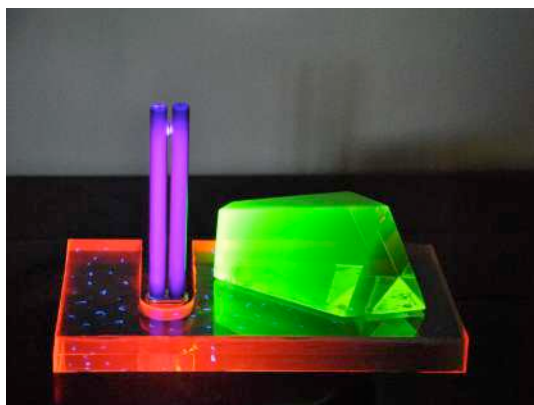


propriétés 1:

- + pas d'ombres portées
- + source défocalisée
- + rayonnement lumineux

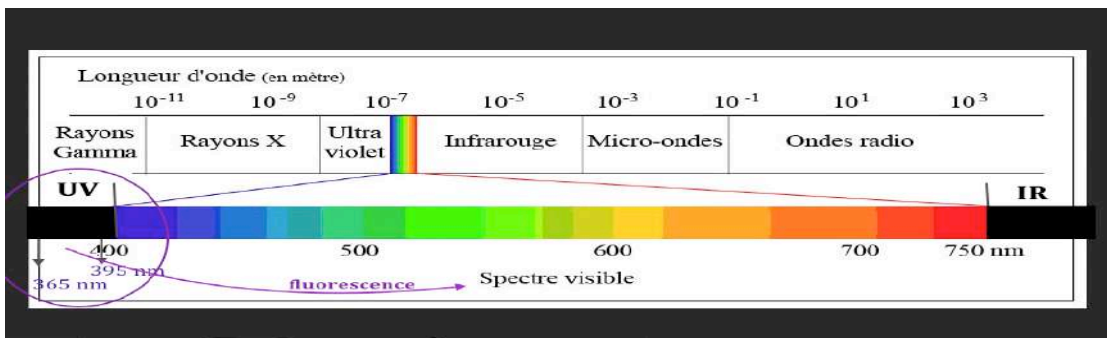
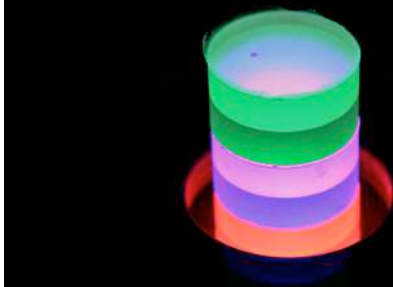


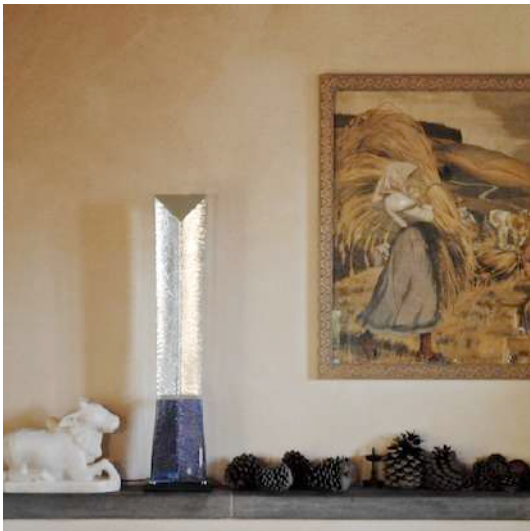
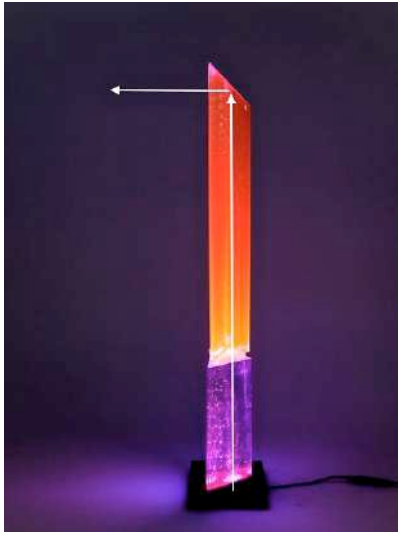
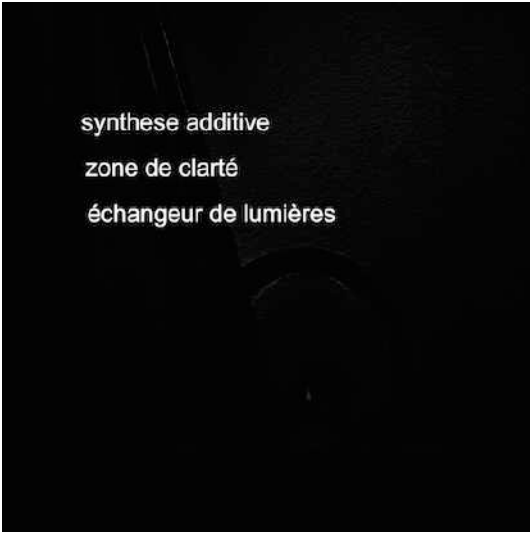
propriétés :
découpage chromatique



propriétés:

grammaire d'assemblage des couleurs
énergies de transformation des sources

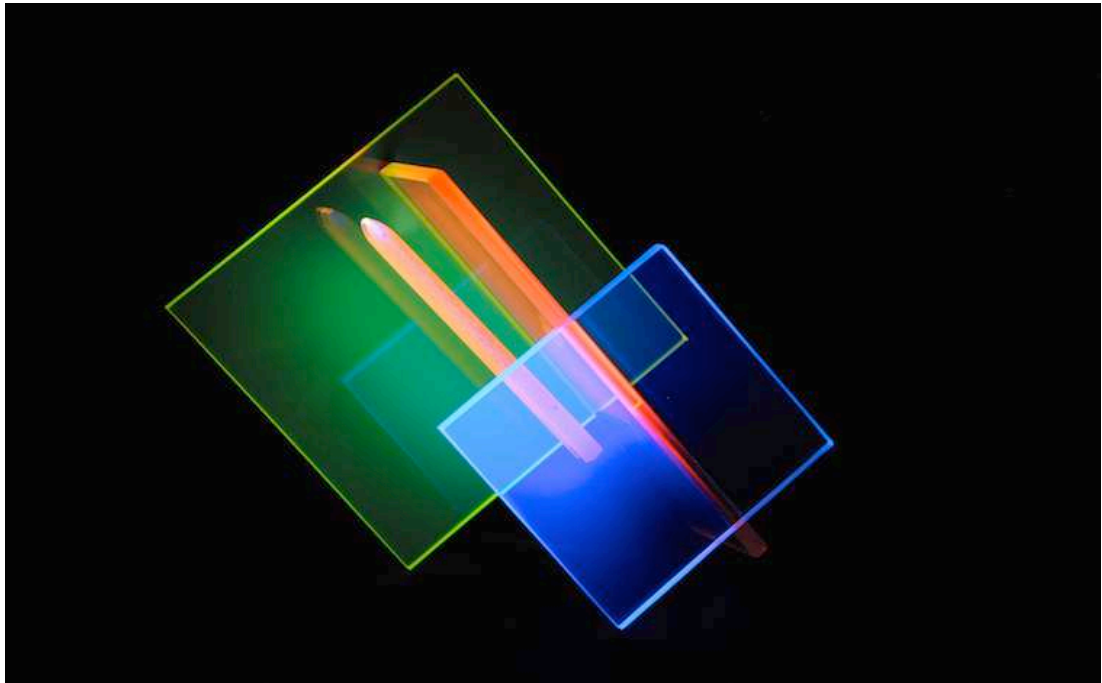
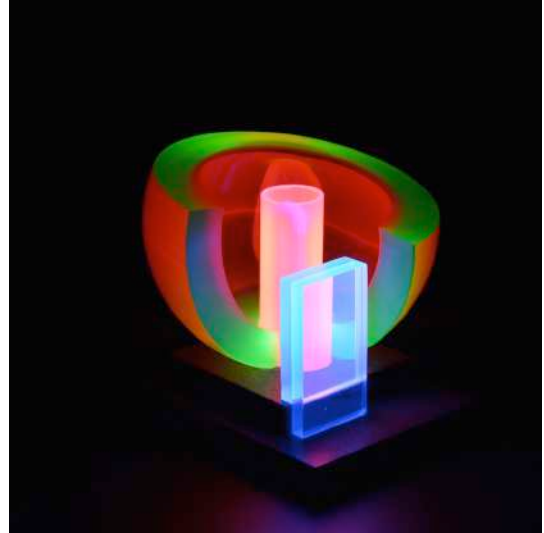


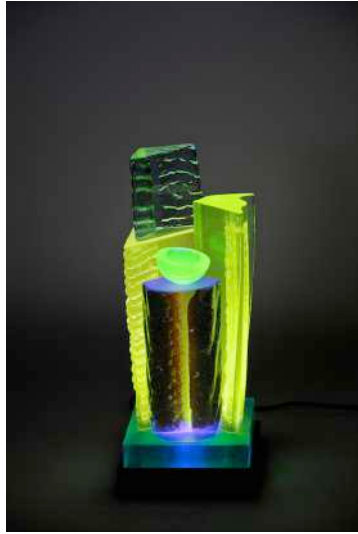
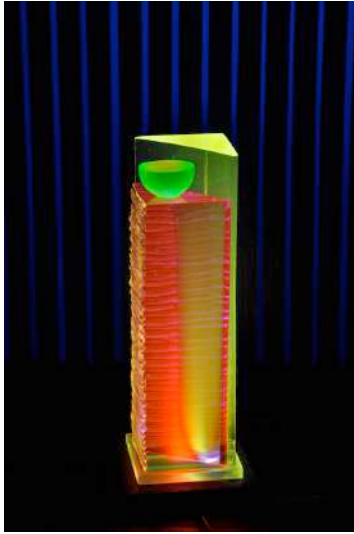


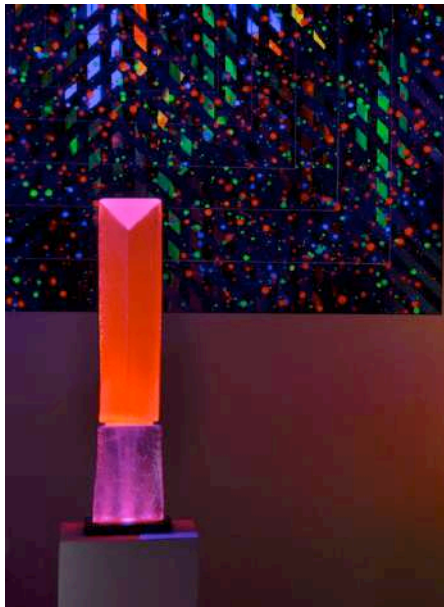
propriétés:
jour / nuit
révélations
et autres jeux...











YVES BRAUN

Artiste verrier

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