Cores: - 5 - 6 million bistem 3 Colori. amount of light Luminance Constancy hightness Constant Pheno mena Simultaneous SUNDOUNDING Controlling Without Dightness difference - Function for Coloy inform 49.5 Model > pronent-from Chromatic here he colovs. opposite pairs.

lau Right. & Rods:-120 million

Color déficiences (color Boindness

· What can be produced on (RLB) (CMYK) of my moniter le gemut of someone esse != genut of printer. or subset of colors that partice Dar 1 can display device (5) Models) Color model is a we-Color Gamut to represent & define colors within that Red, Blue, Yellow Colvi 20 other to create Puple, Colori Range colors that be of CAR es CIELAB Vepresented specific in a (colors humans can see) aire Color 3- Dimension is Color Cube Cube Vepresentation cube · Color Space > Color Cube arth Relation of vepresentation specific color space -20 Colors Spaces are cuber. brogram Color wheel we See Redefining Colors Spaces w.v. + human eye · Represent all spectral colors perceivable human eye. represent 422 because 15 1+ Corresponds Diagram. Perceptua oni for mit hromaticity representation color Hue-Saturation - hightness) & the Captures pickers are often Diguna with the · hishtnep aptures Hue-Saturation - Value · Similar to HSZ but replaces Wymnen with Value (briginnen) brightness instal of Right news.

· COVOY PIOP	11 pour choice >	· No percentural (Possow no
		ordering Confusion
	• No	Cuminance Brightner of
0.	, , , , , ,	aviation Change evenly
E.	. Mislendin	9 Perception / Sudden change in
S	of trans	Cittors (people think the
da /	F. Wallet	data even when
- Coloymap	-> Specifies mapping to	between date is smooth)
\b '		assured to the second
Procesio		
_ `	· Binny (Y/n) · DI	Mening (Higherphas
Types:	· Categorial · C	yening (HShashus) quentul
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*	k 1	
·- Categorial	l vs Ordered	
· Categorial	0	huminance are better
Hue Is one	d Saturation ce for ordered 1	huminance are better Continuous clets.
Hue Vys ore	d Saturation Ce for ordered 1	huminance are better Continuous clets.
Hue Is one	d Saturation ce for ordered 1	Ruminance are better Continuous clate.
Categorical or	Sequential	Diverging Best for meaningful
Hue to over as It has no natural aide	Softwetton ce for ordered / (en) Venking)	Diverging
Categorical or	Sequential Best for ordered data.	Diverging Best for meaningful
Categorical or	Sequential Best for ordered data.	Diverging Best for meaningful
Categorical or	Sequential Best for ordered data.	Diverging Best for meaningful midpoint or diverging point.
Hue is one as It has no natural mide Categorical ov nominal data	Sequential Best for ordered data (from low to high) Clisplays 2 yaviabes	Diverging Best for meaningful midpoint or diverging point.
Hue is one as It has no natural mide Categorical ov nominal data	Sequential Best for ordered data. (from low to high) Clisplays 2 yaviabes	Diverging Best for meaningful midpoint or diverging point. Combination of two

