



1. **The Privative Ordering of Value:** *Value terms are scalar (gradable) adjectives that presuppose a comparative privative ordering*
2. **The Univocity of Value:** *A value terms are coextensive in their extremes.*
3. **The Validity of Syllogistic Reasoning:** *The valid arguments expressible in syllogistic syntax are correctly characterized by the rules of syllogistic logic.*

## The Privative Ordering of Value

*happier than: ecstatic, happy, content, so-so, down, sad, miserable*

*hotter than: boiling, hot, warm, tepid, cool, cold, freezing*

*adamantine, hard, solid, firm, tangible, soft/weak, wispy/evanescent*

*strong/firm, solid, self-supporting, weak/rickety/wobbly,  
insecure/dangerous*

*riveted, attentive, awake, wandering, dreamy, asleep*

*incisive, lucid, cognizant, scatter-brained, dotty, demented*

*brilliant, smart, pedestrian, dull, stupid*

*absolute, substantial, subsistent, insubstantial, unreal*

*all, most, some, rare, unheard of*

*eternal, occasional/intermittent, never*

*necessary, likely/probable, possible, unlikely/improbable, impossible*

*supererogatory, good, neutral, bad, evil*

*heroic, brave, dutiful, cowardly, craven*

## The Happiness Scale

	<i>hyper-happy</i>	<i>non-happy</i>		<i>un-happy</i>					
1 ....	<i>ecstatic</i>	<i>happy</i>	<i>content</i>	<i>so-so</i>	<i>discontent</i>	<i>sad</i>	<i>miserable</i> ....	0	
	m		n		e		-n		-m

Contradictory Negation (Boolean Complementation, "Logical" Negation)

*-A*                      *not happy*

Contrary Negation (Relative Complementation)

*non-A*                      *non-happy*

Mirror Negation (Kleene Weak Negation)

*un-A*                      *un-happy, discontent, illegal*

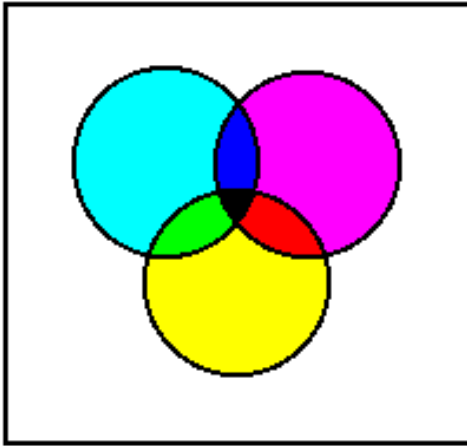
Hyper-negation

*hyper-A*                      *hyper-active, super-saturated*

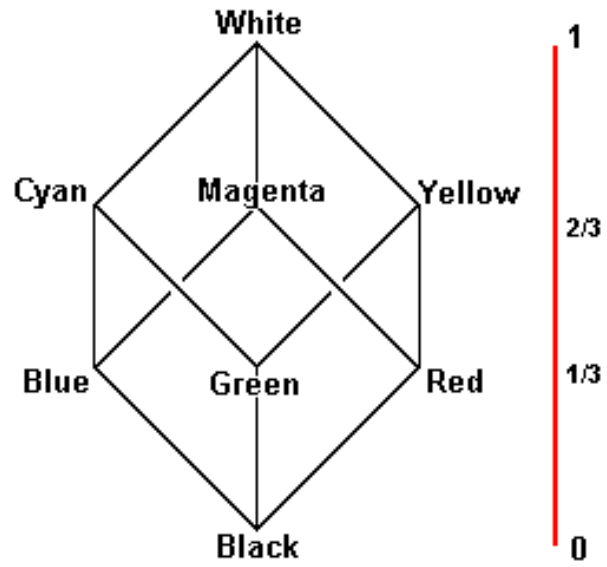
Privative Negation

*sub-A*                      *subnormal, subhuman*

## The Univocity of Value



Filters Over White Light



Boolean Algebra of Light Privation

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## The Algebra of Light

