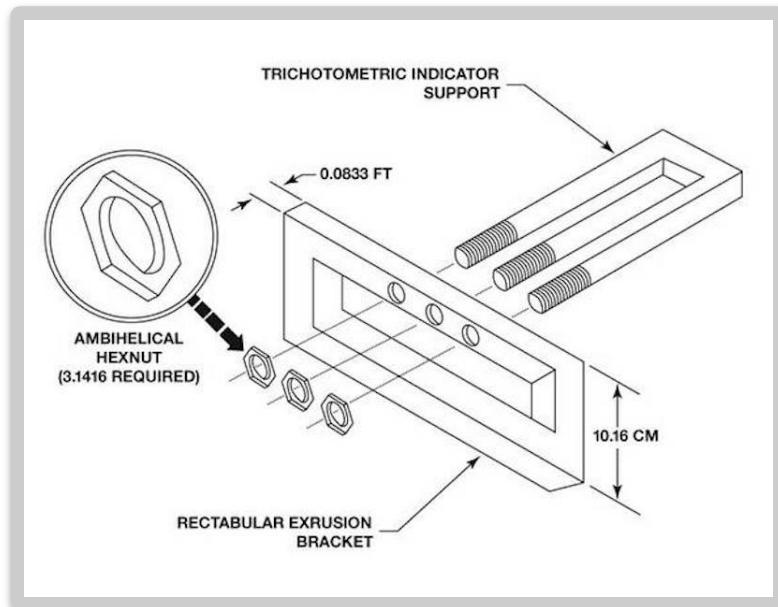


Visual Illusions

seeing how the mind sees



George Matthews, Plymouth State University

2020

Theories of knowledge

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rationalism

- Mind deduces the basic nature of things from fundamental concepts; knowledge results from thinking things through carefully.

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constructivism

- Mind organizes raw data into a coherent picture of reality, so knowledge involves building models and testing them against new information.



?

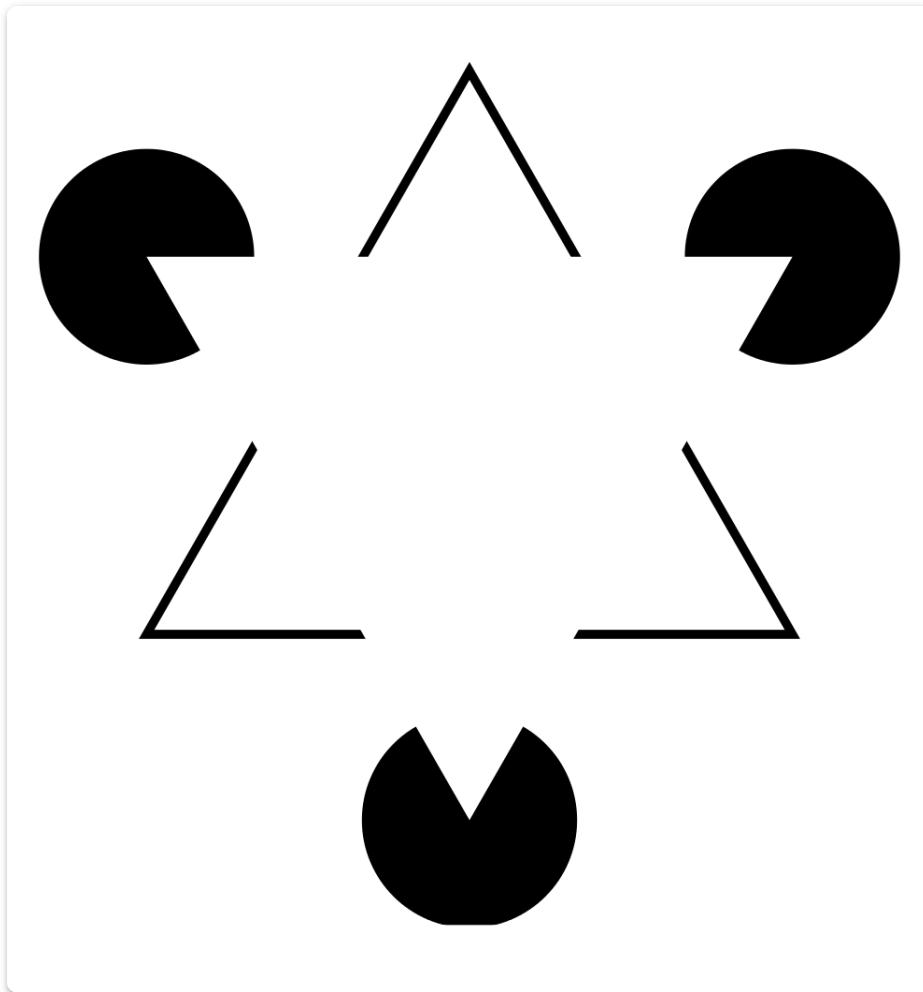
If the world that we experience is a mental construct, how does this affect our ability to know what things are really like?

Completing the picture

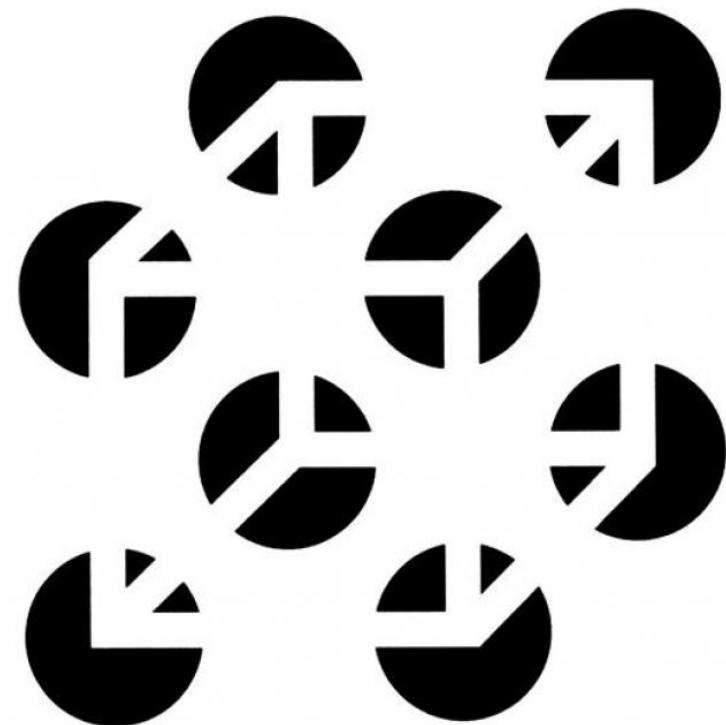
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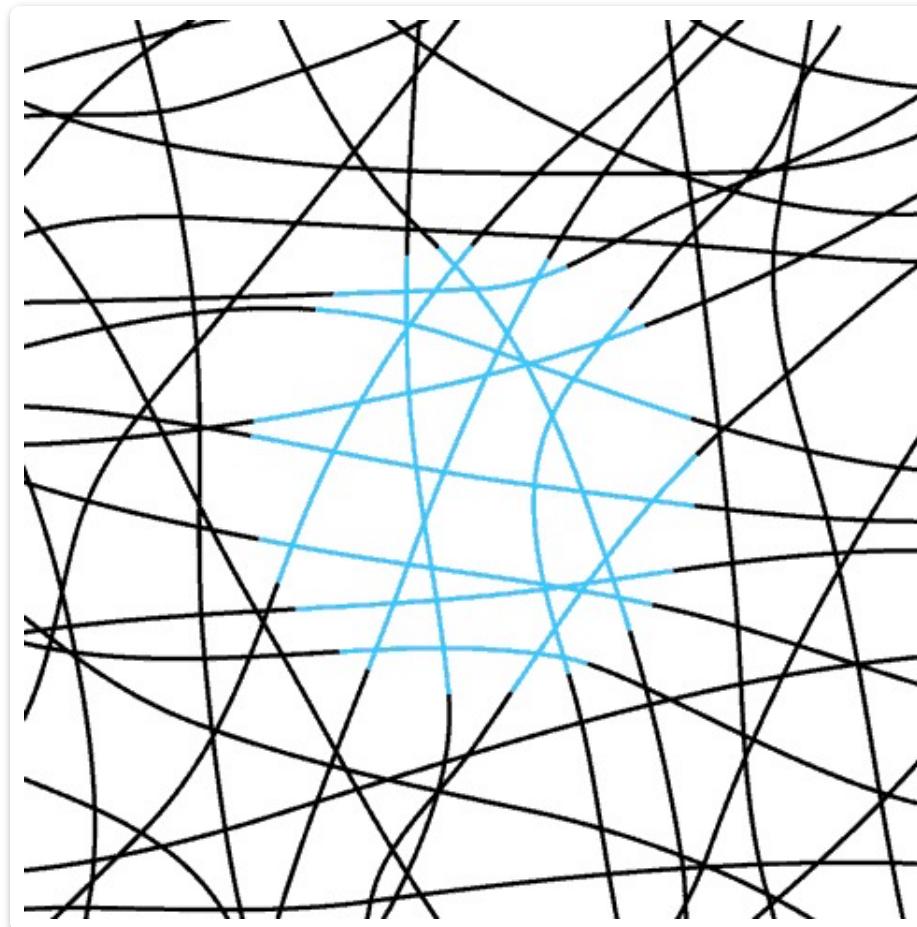
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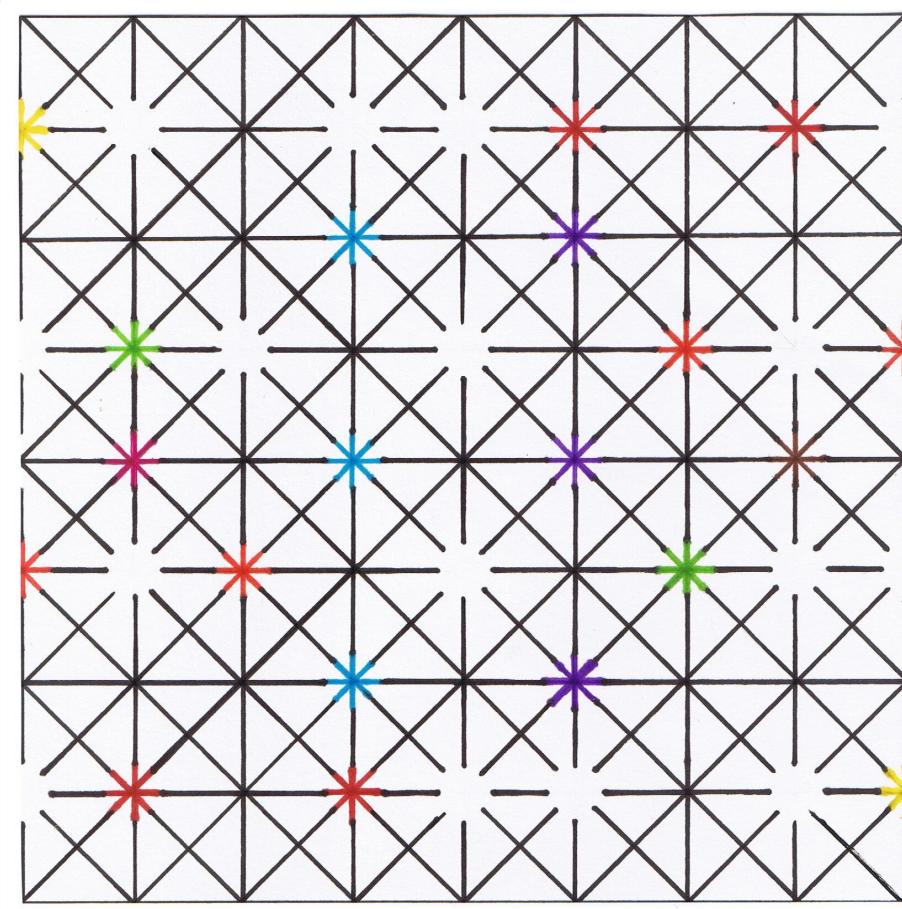
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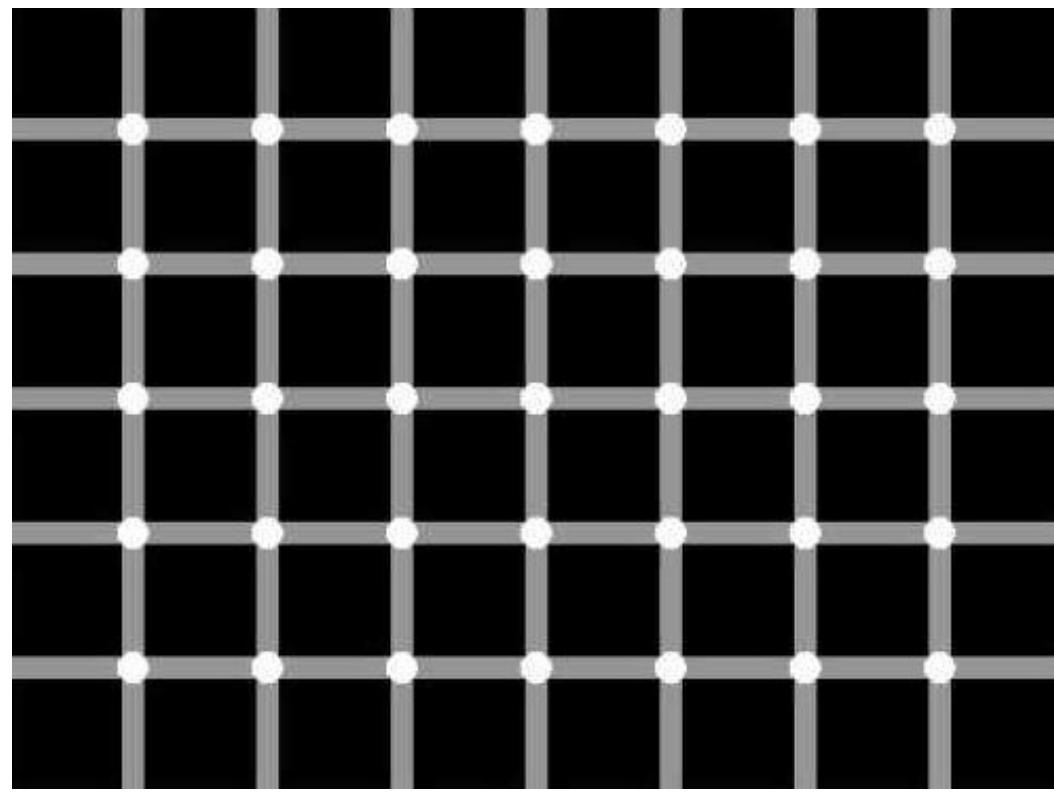
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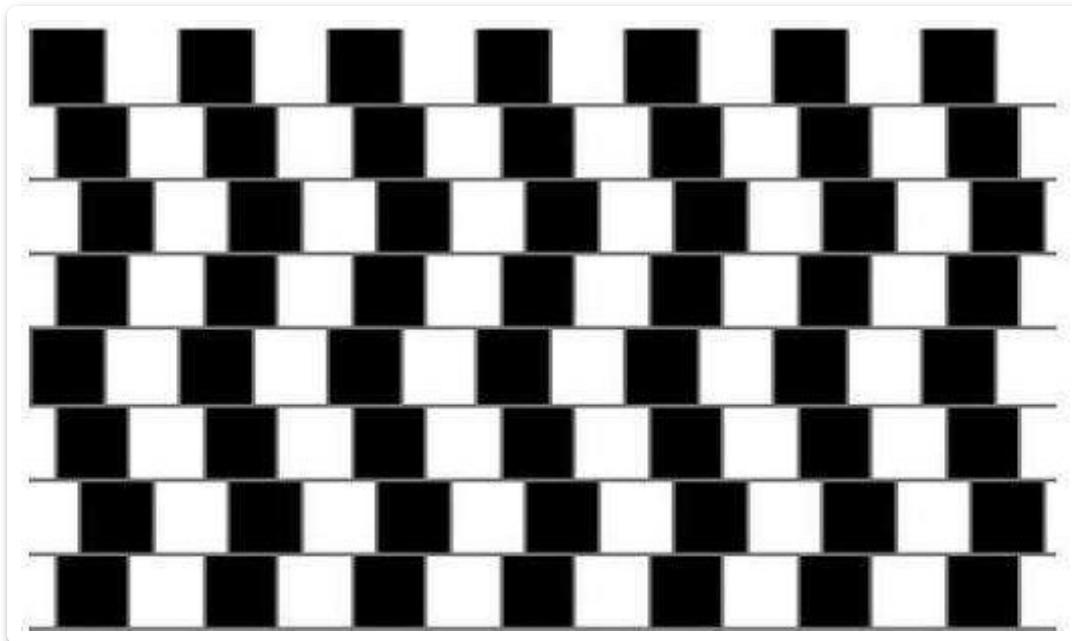


Completing the picture

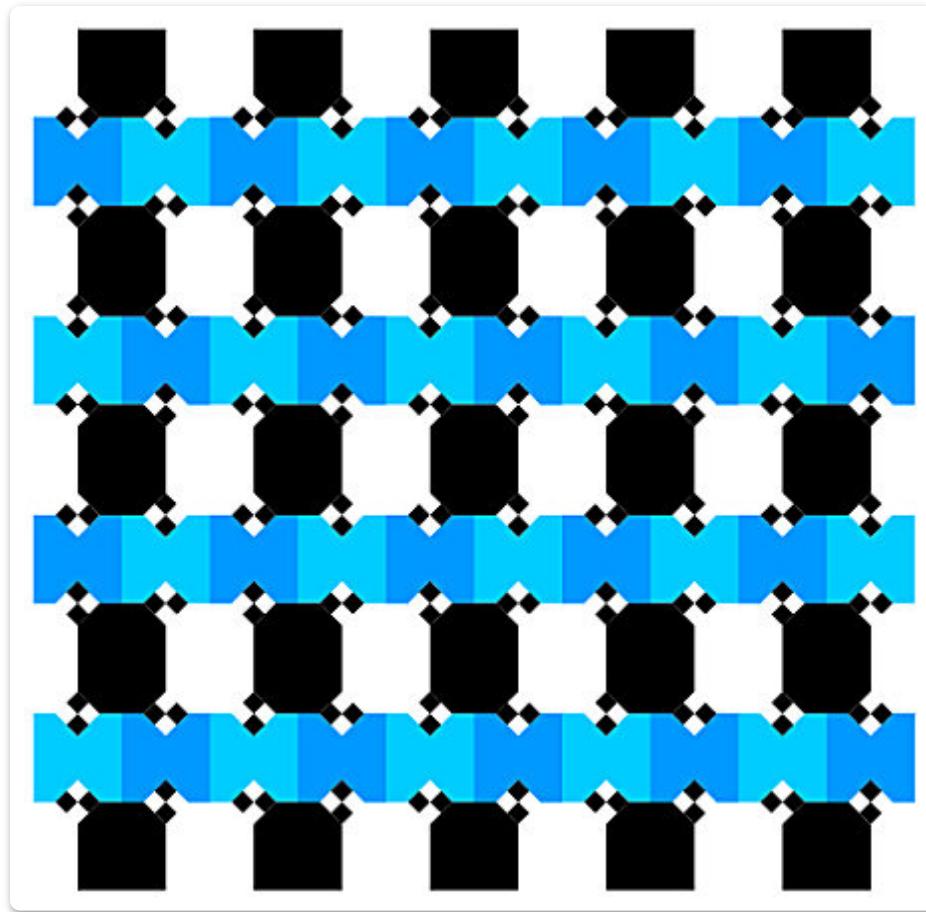


Orienting things in space

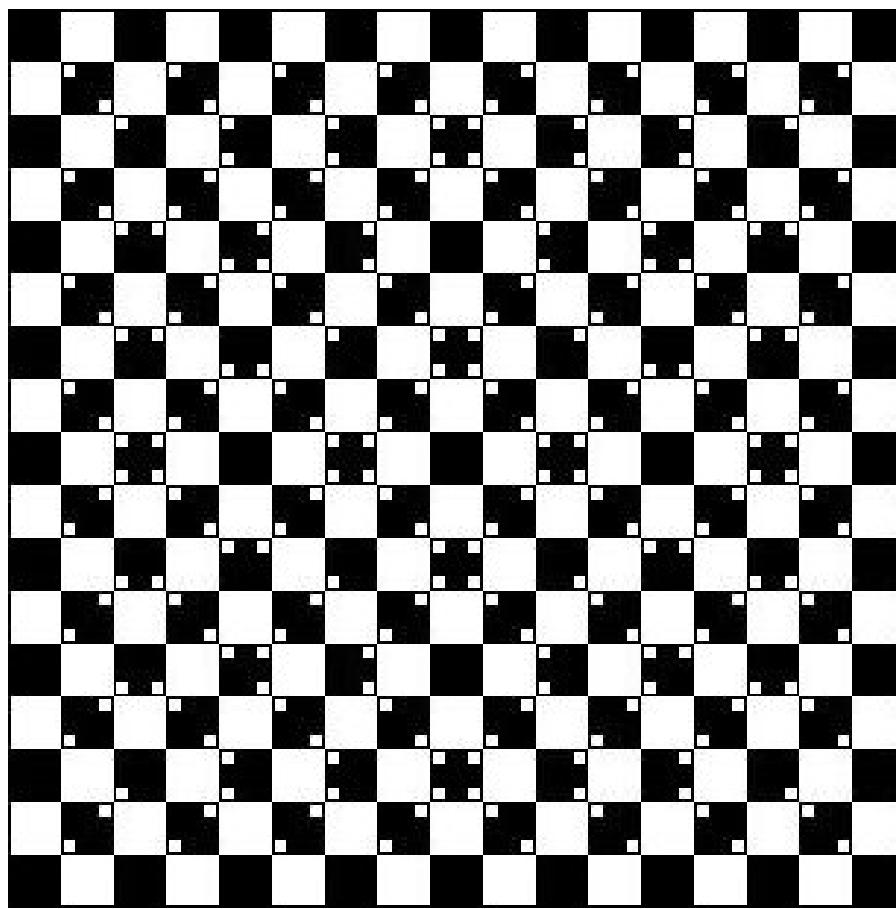
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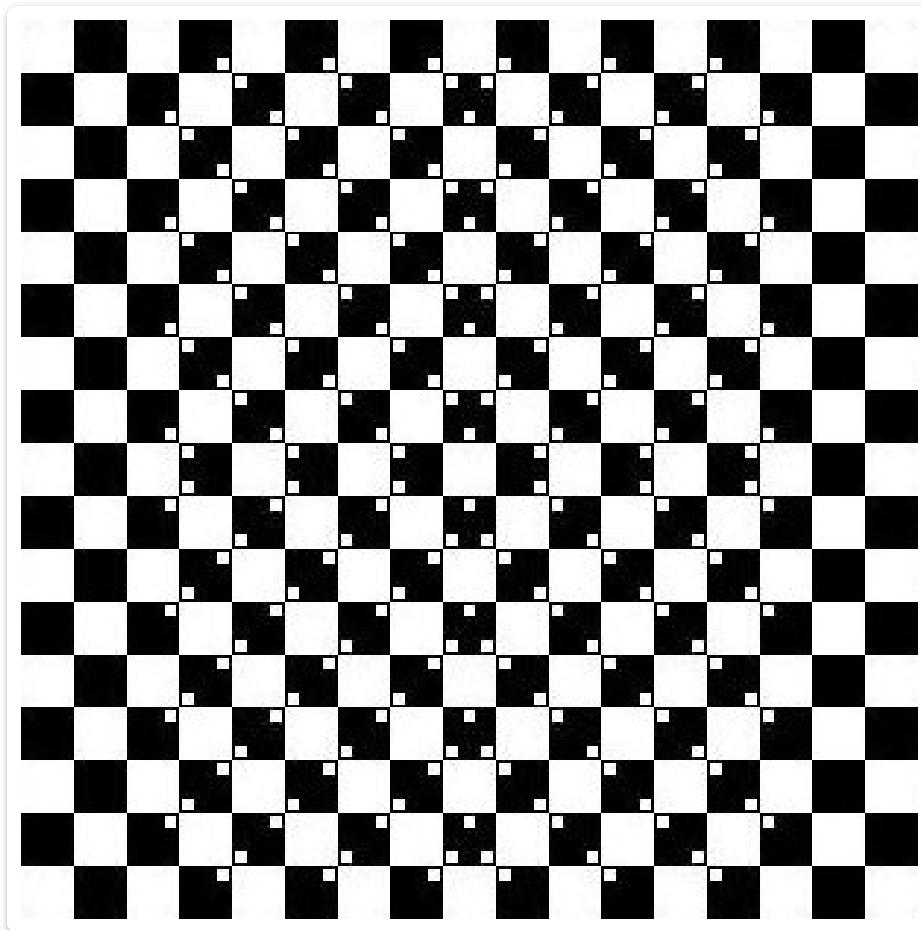
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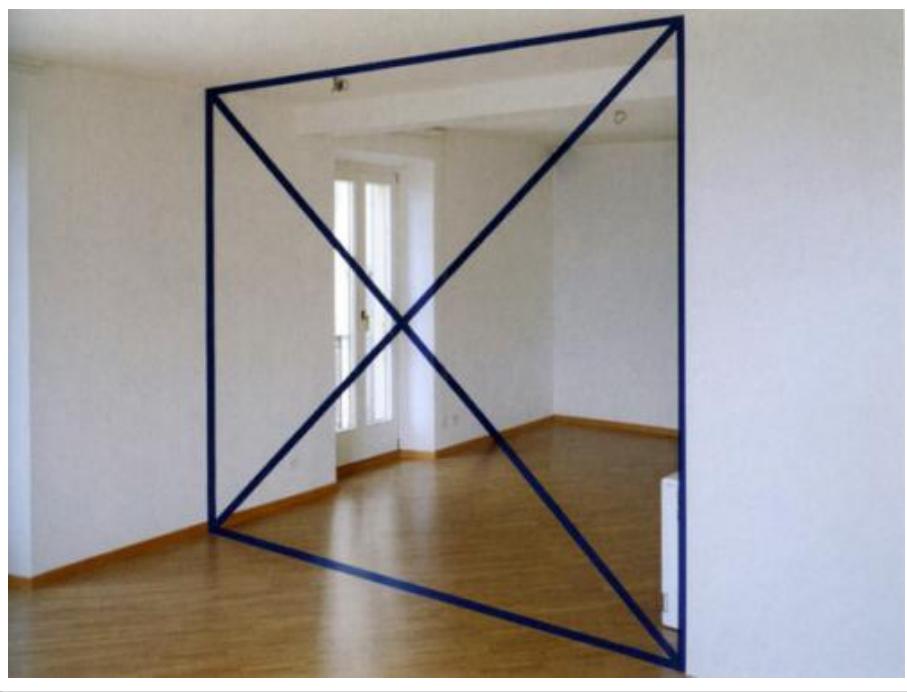
Orienting things in space



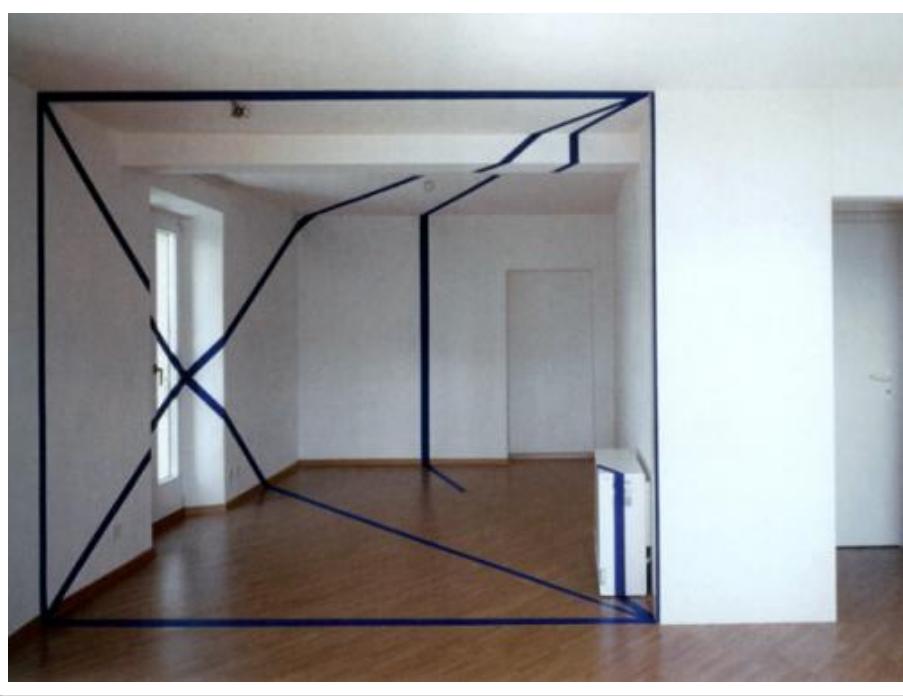
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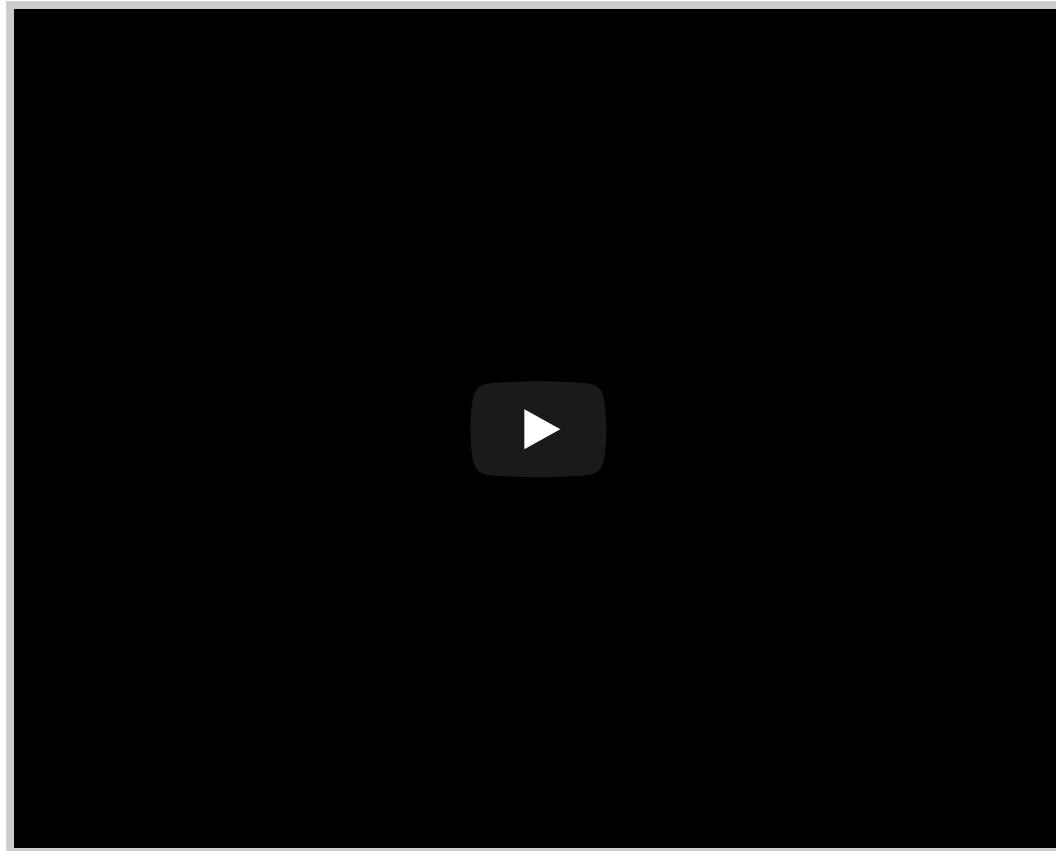


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Orienting things in space

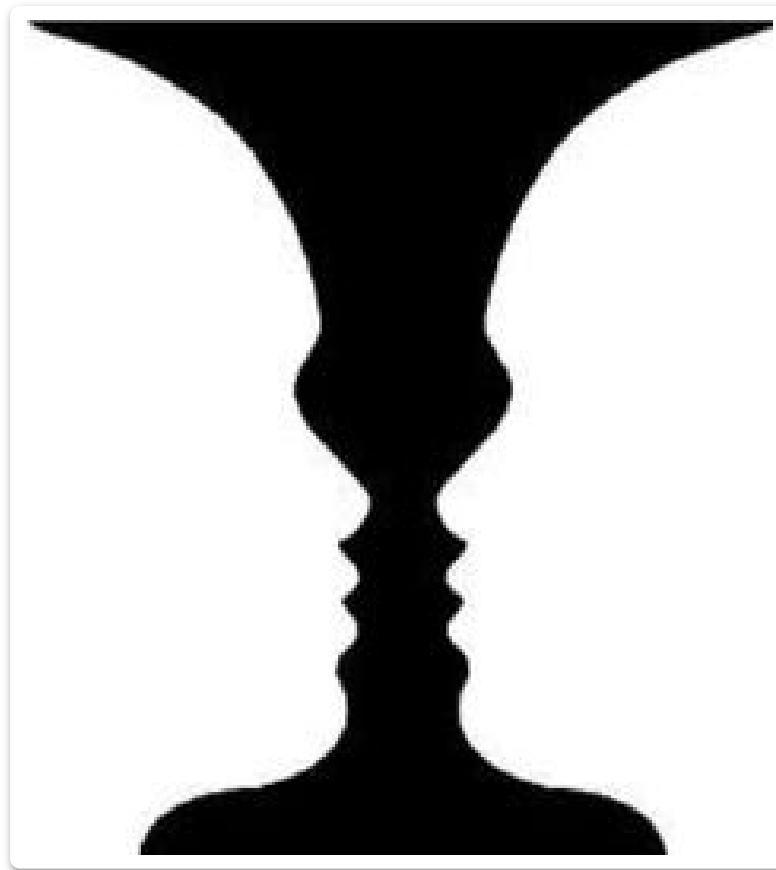


Orienting things in space



Interpreting objects

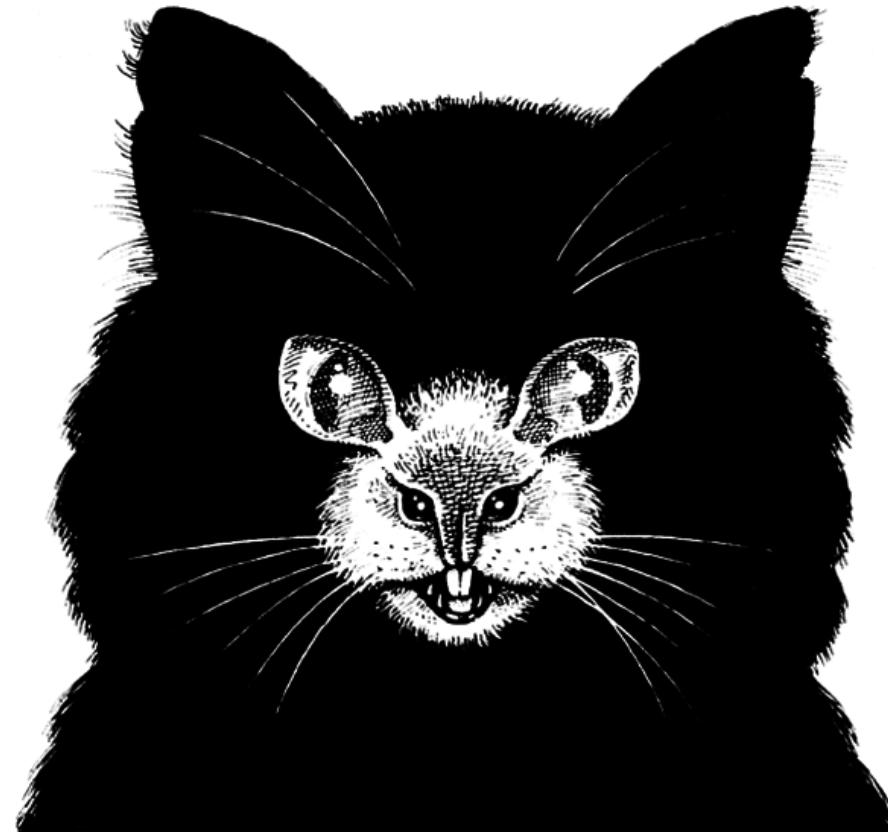
Interpreting objects



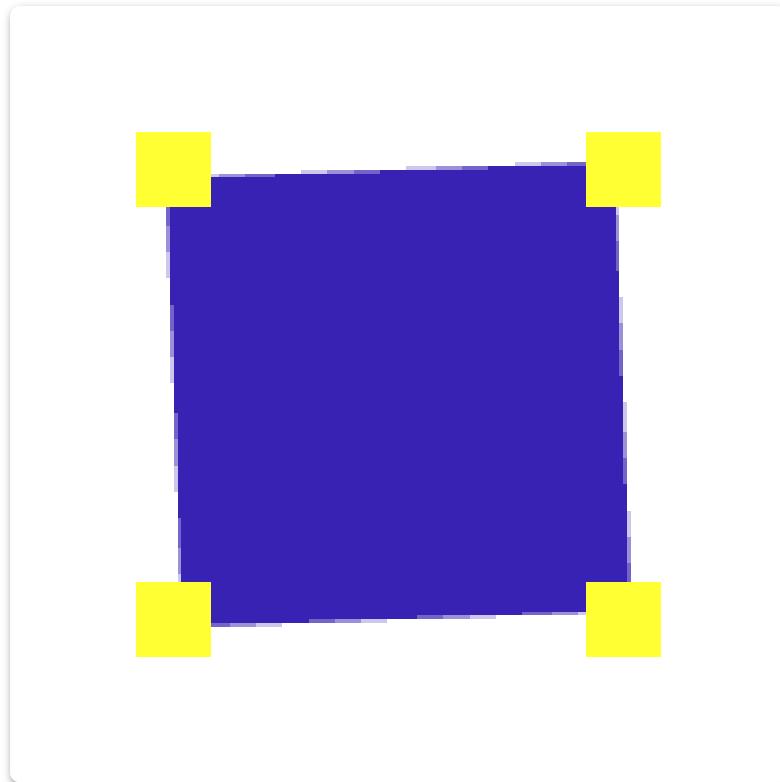
Interpreting objects



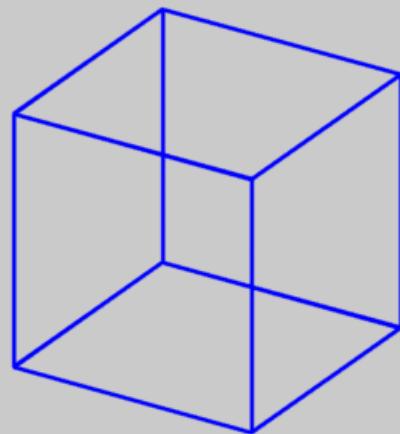
Interpreting objects



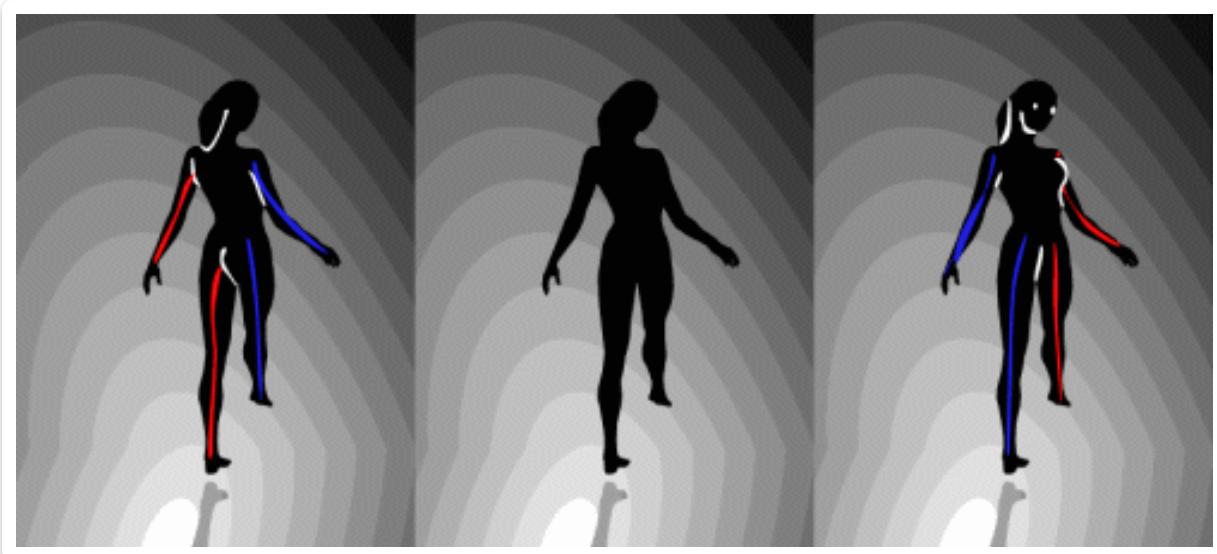
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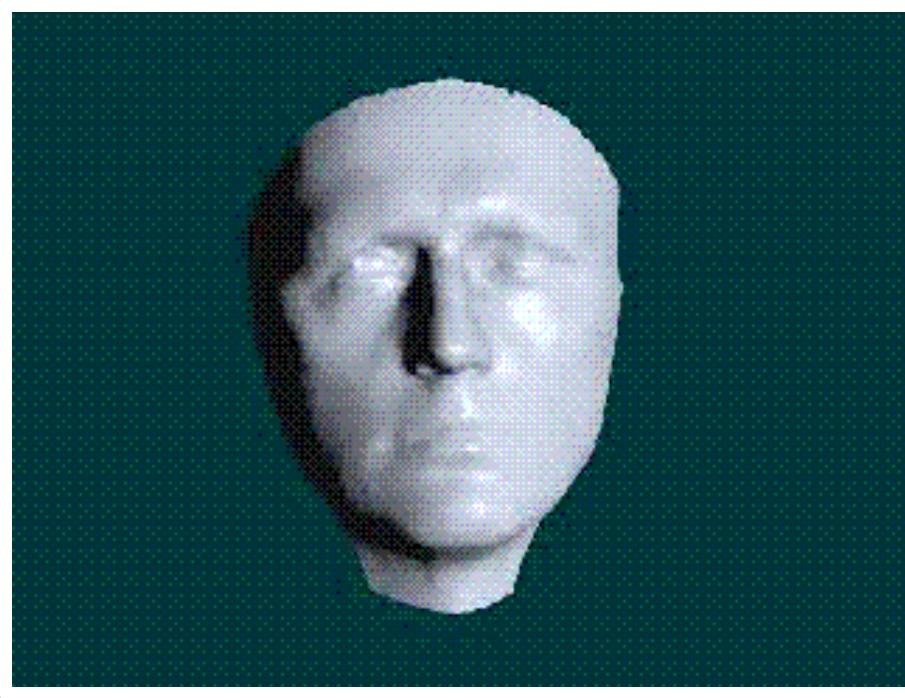
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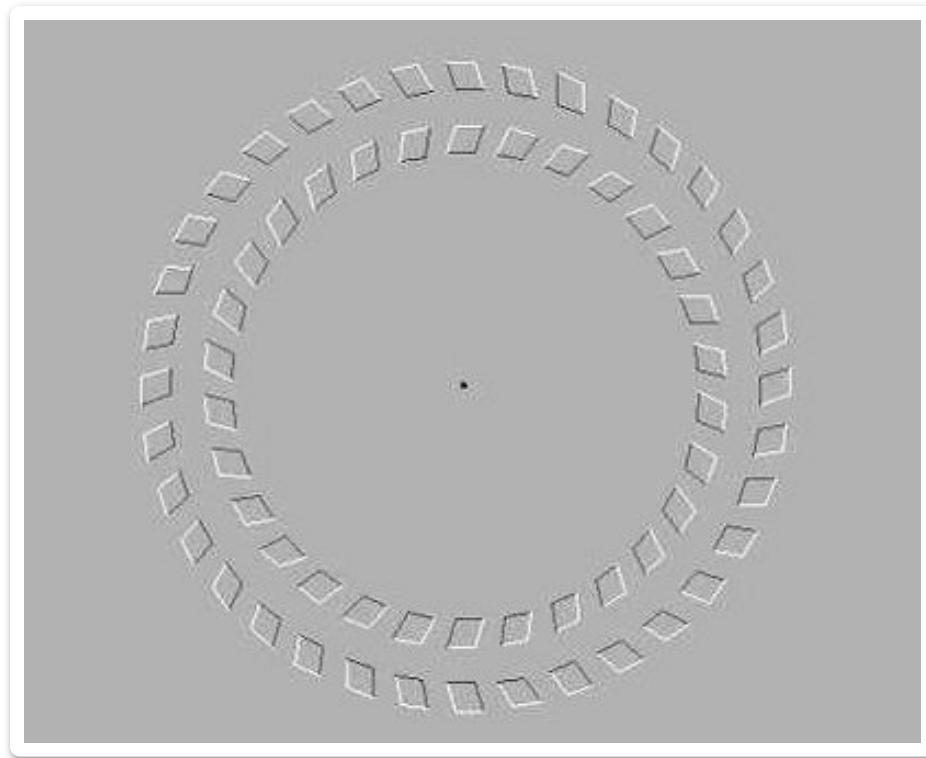


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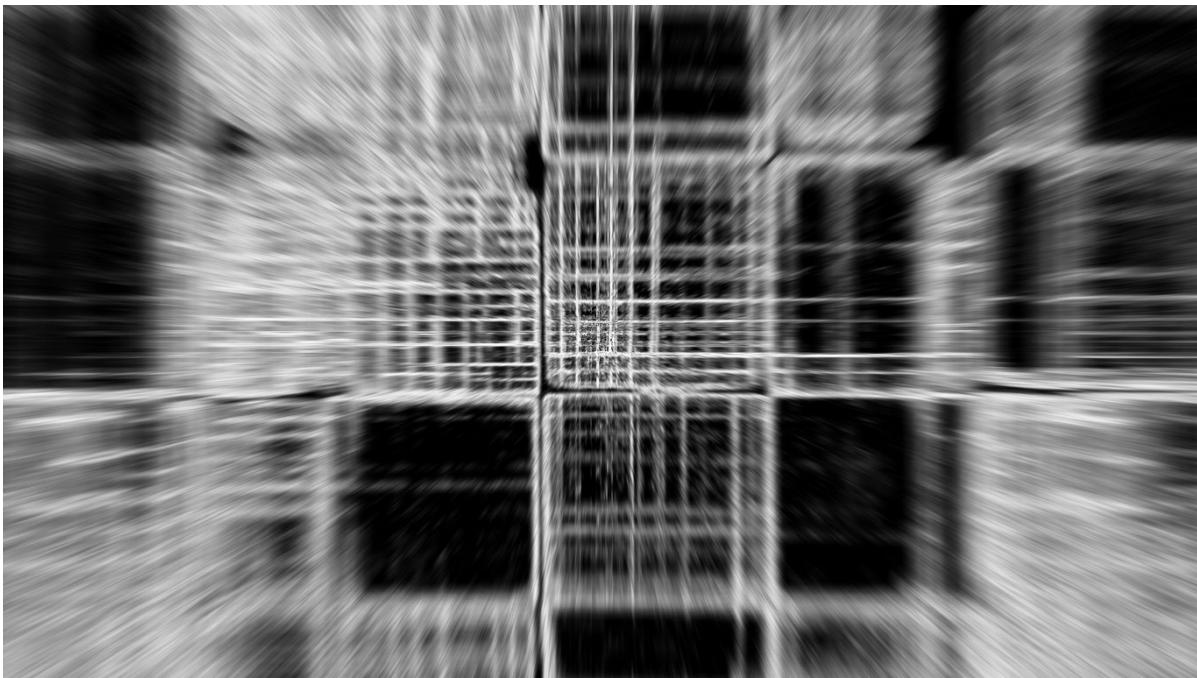


Perceiving motion

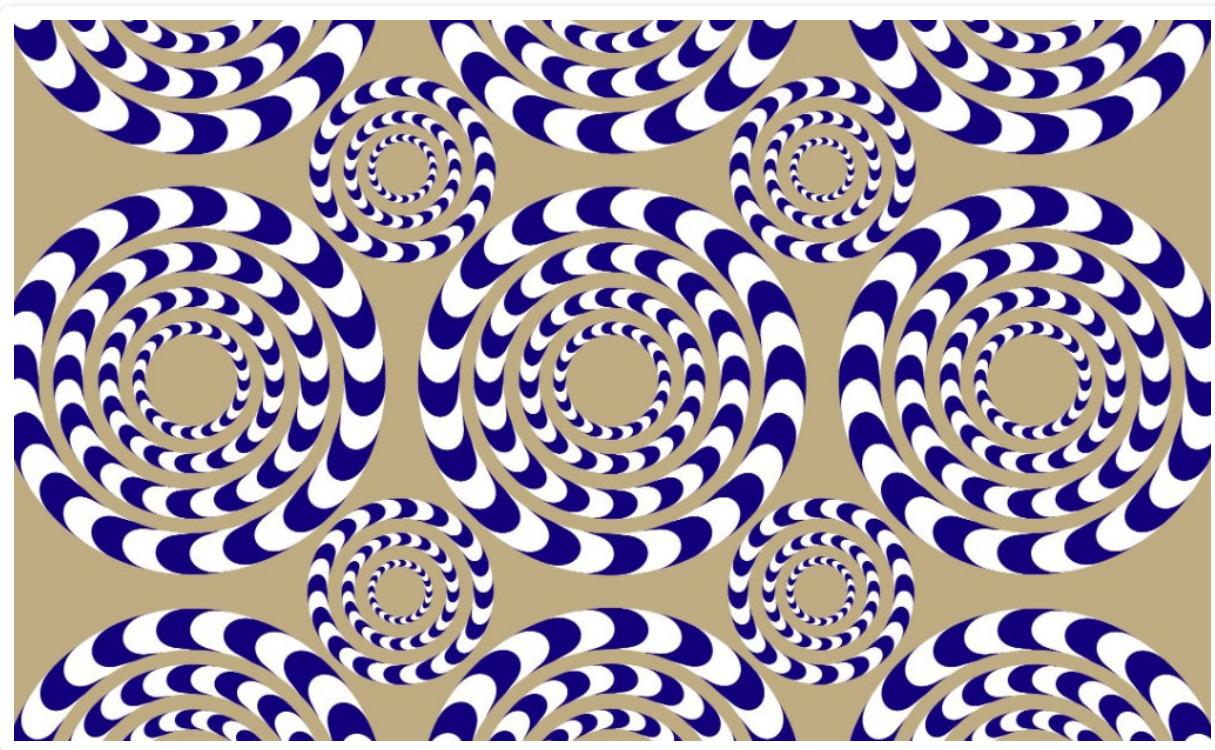
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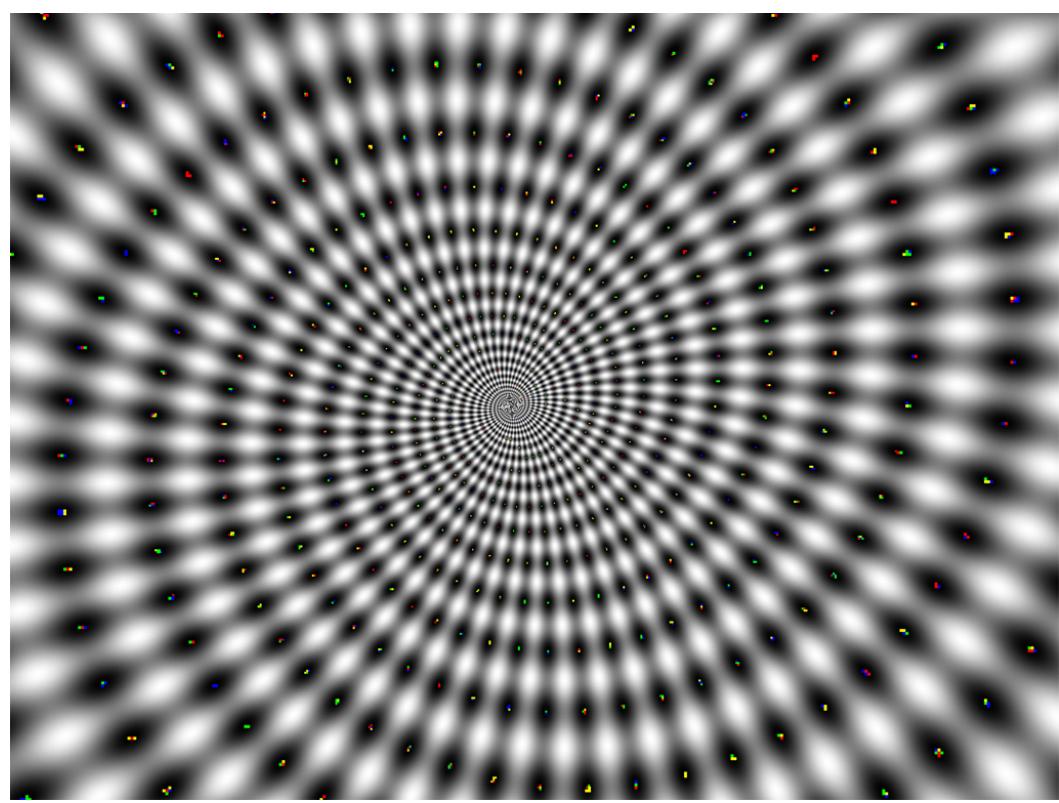
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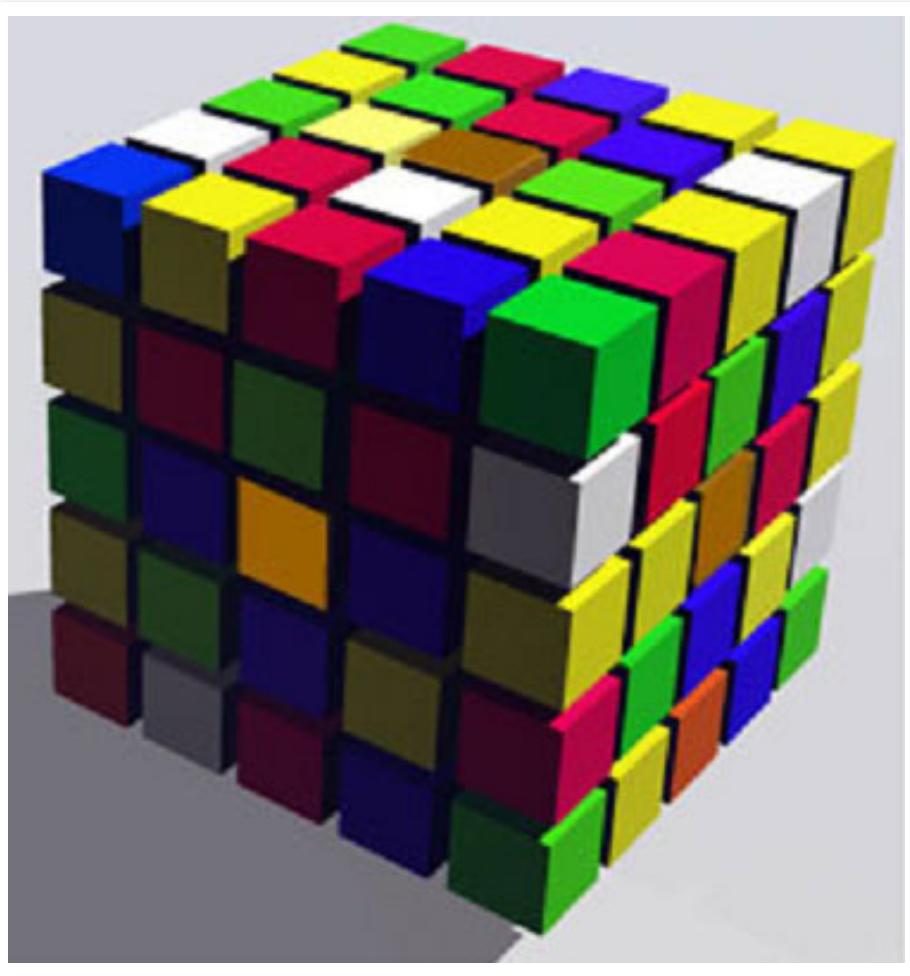


Perceiving motion

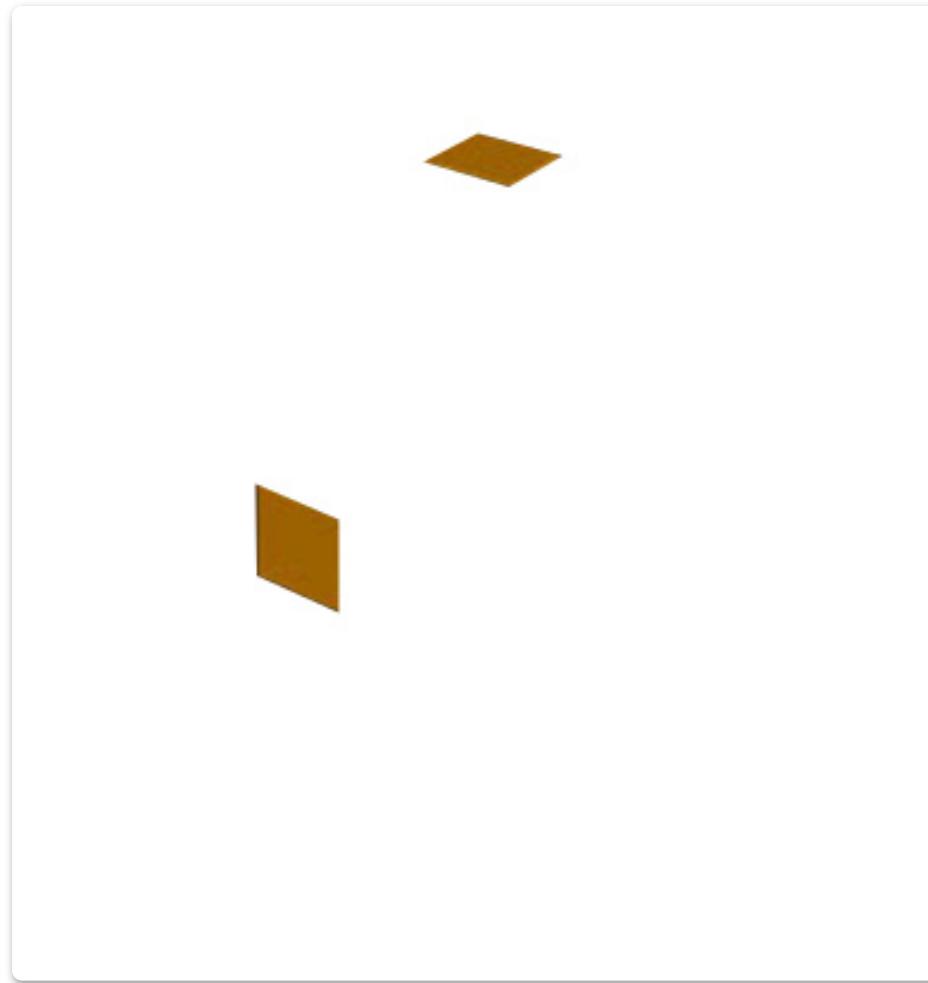


Perceiving color

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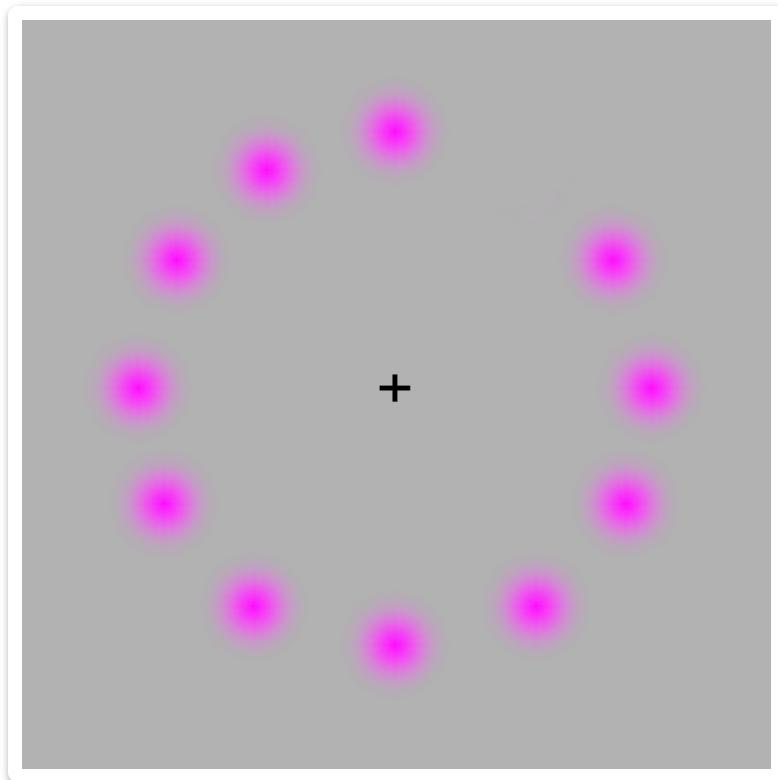


Perceiving color



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136 Optical Illusion



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