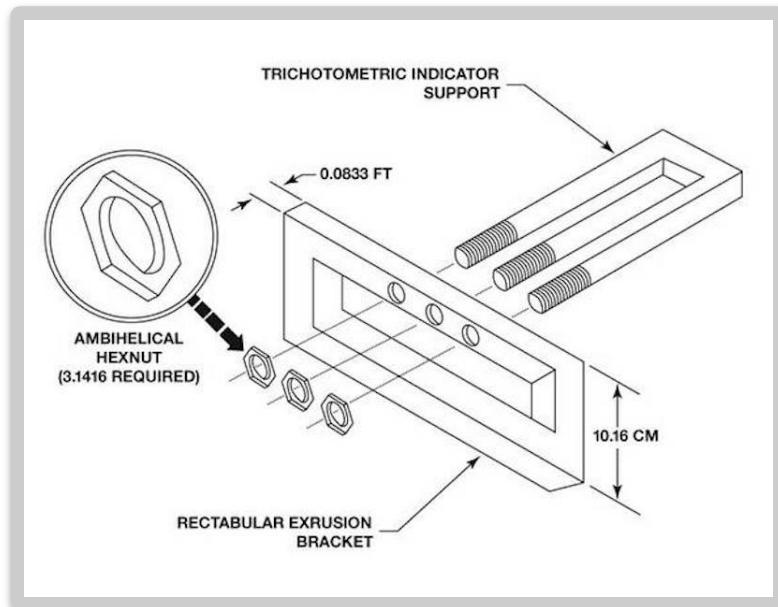


# *Visual Illusions*

*seeing how the mind sees*



George Matthews, Plymouth State University

2020

# *Theories of knowledge*

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- 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.



?

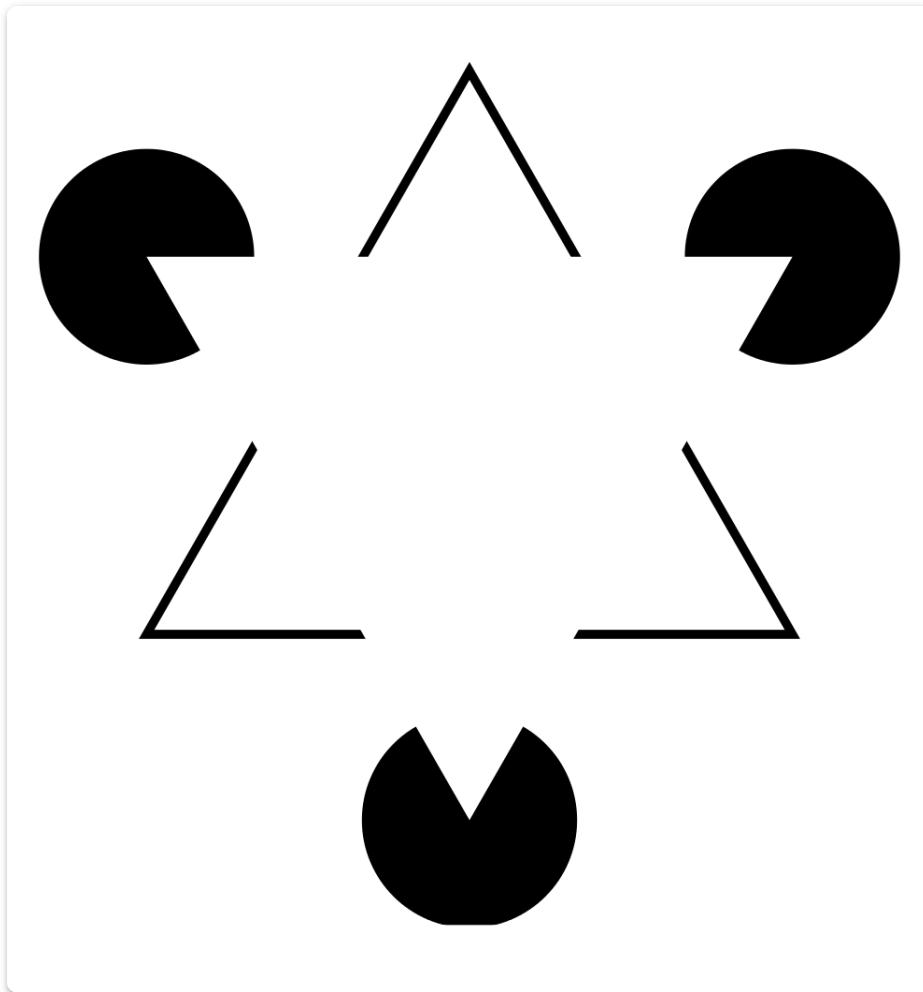
*If the world that we experience is a mental construct, how does this affect our ability to know what things are really like?*

# Completing the picture

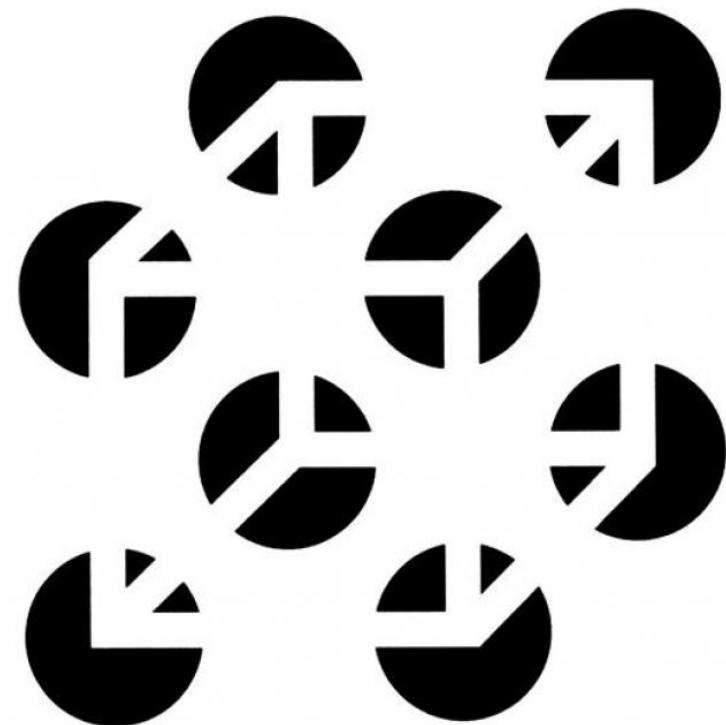
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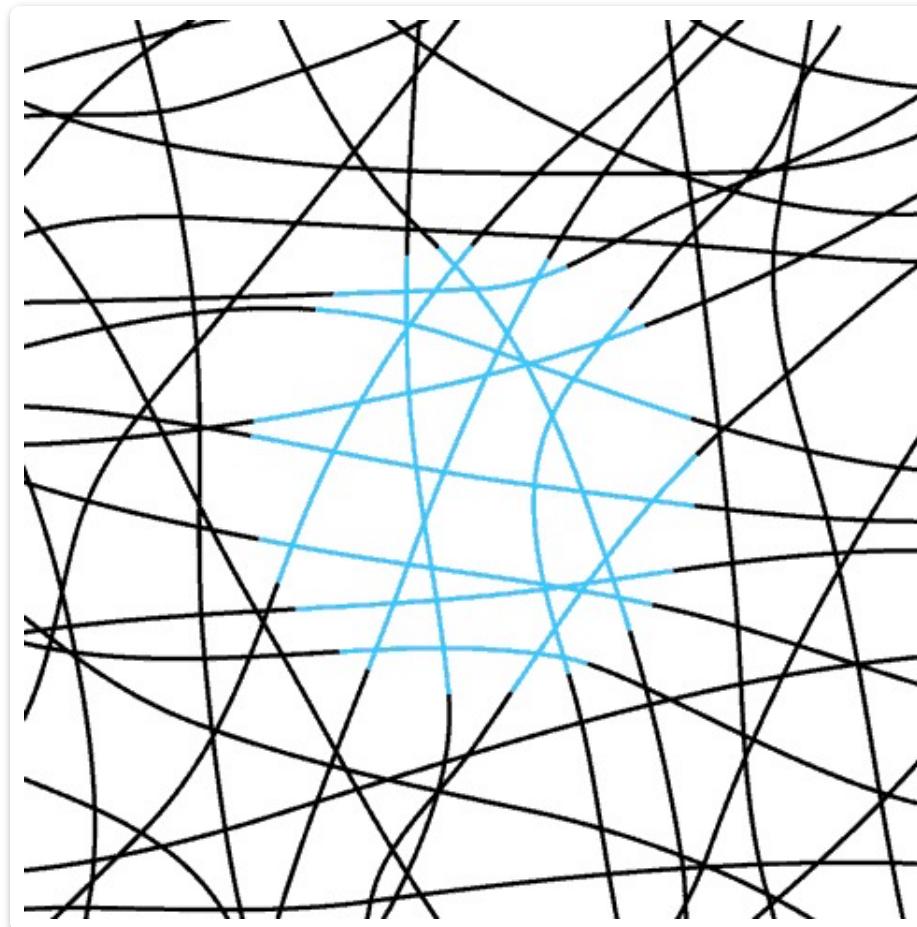
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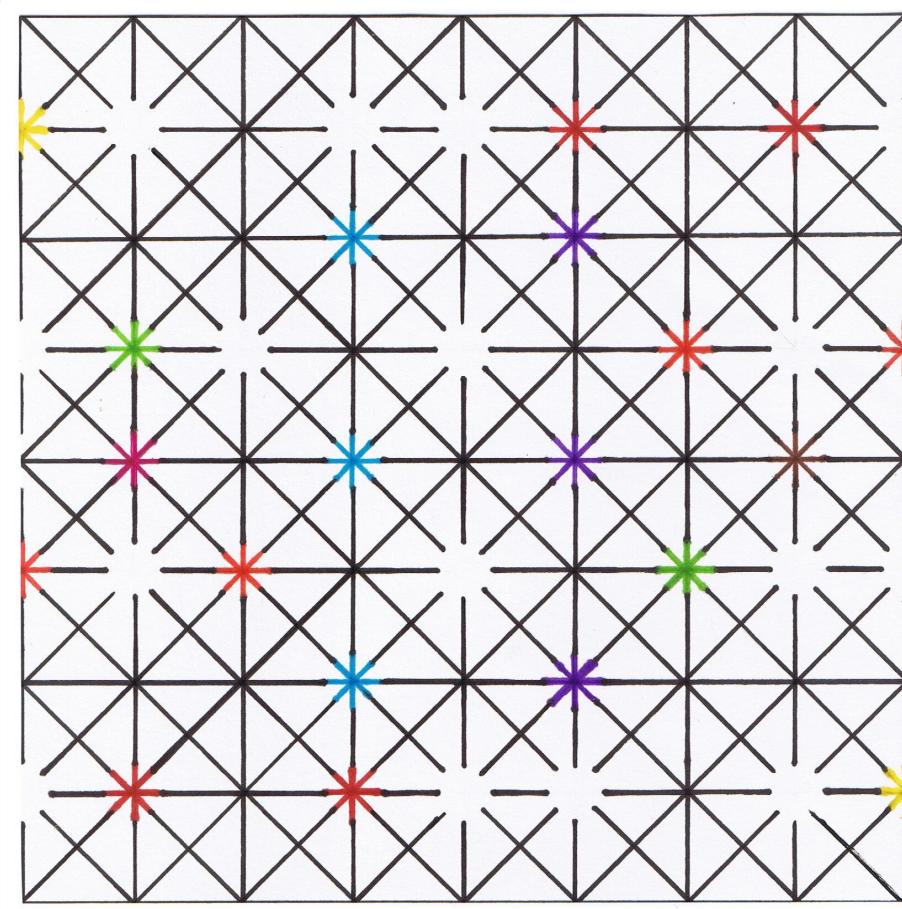
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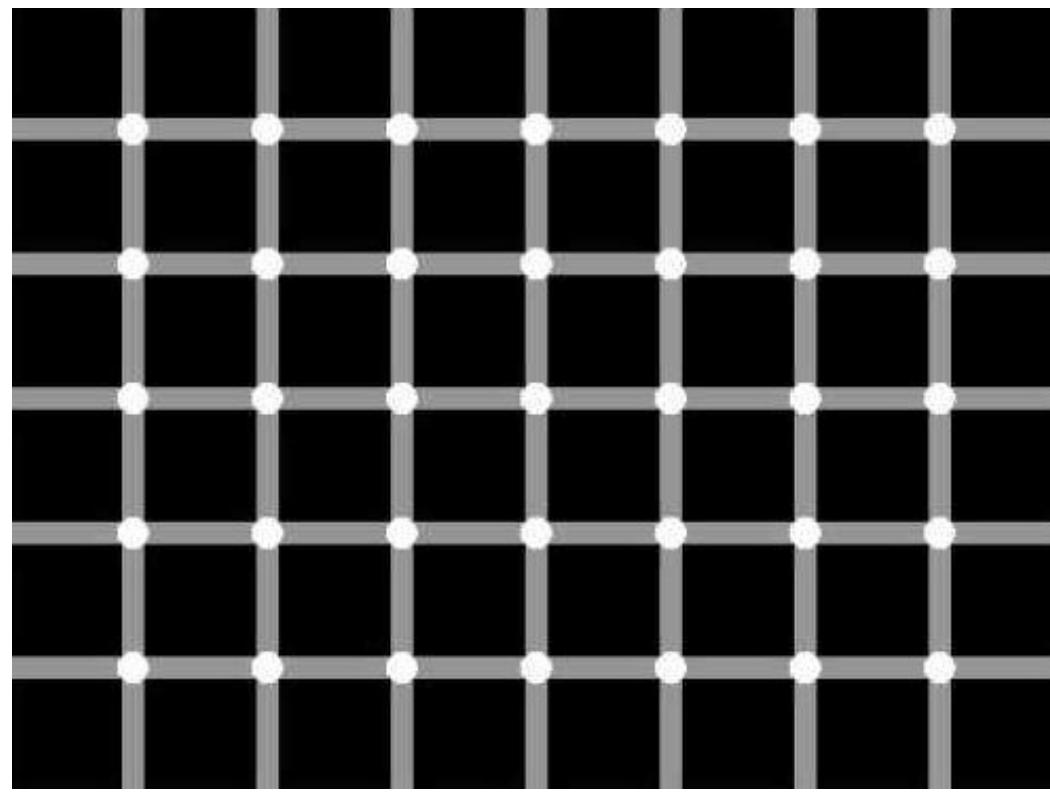
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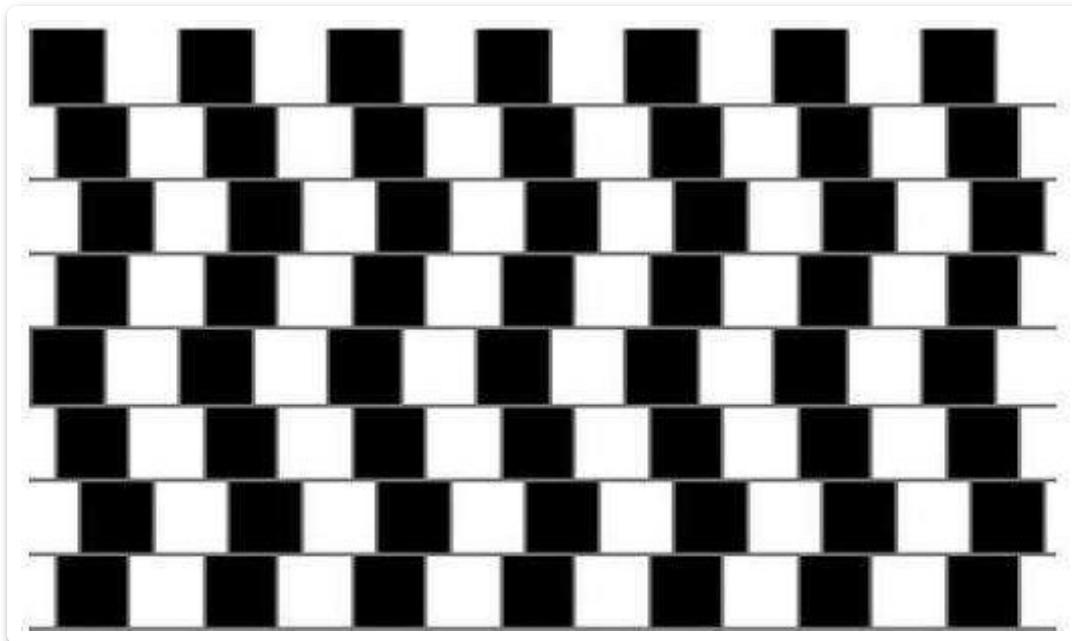


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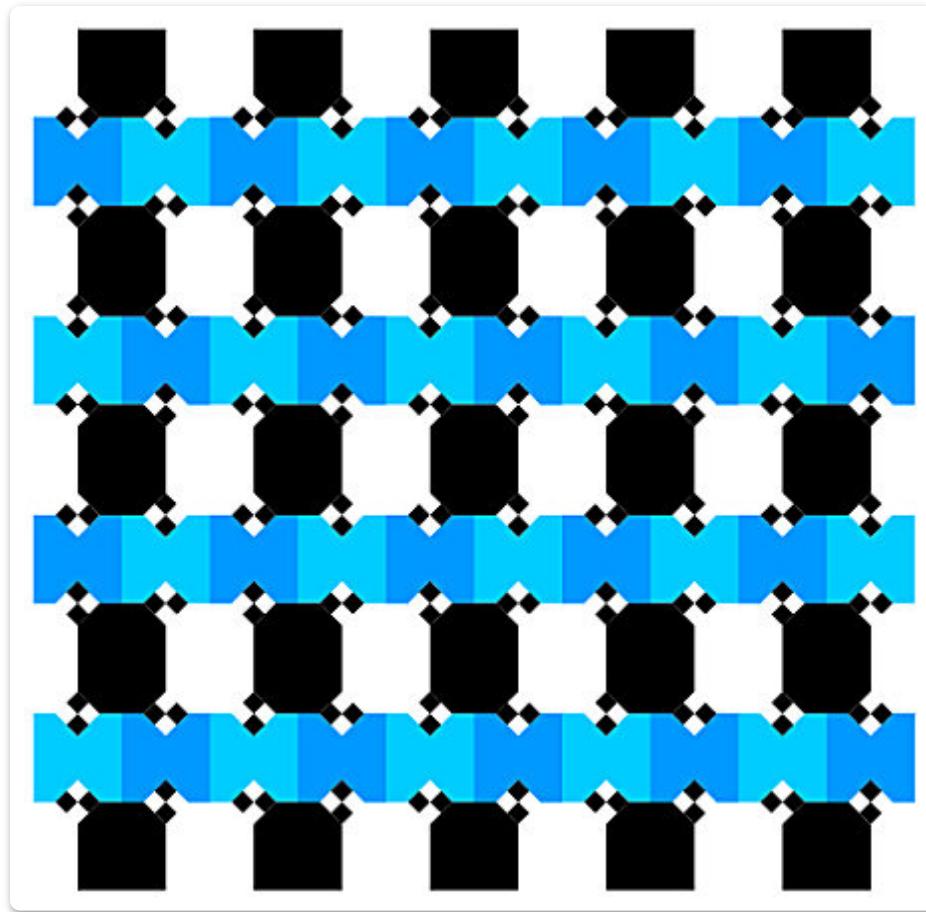


# Orienting things in space

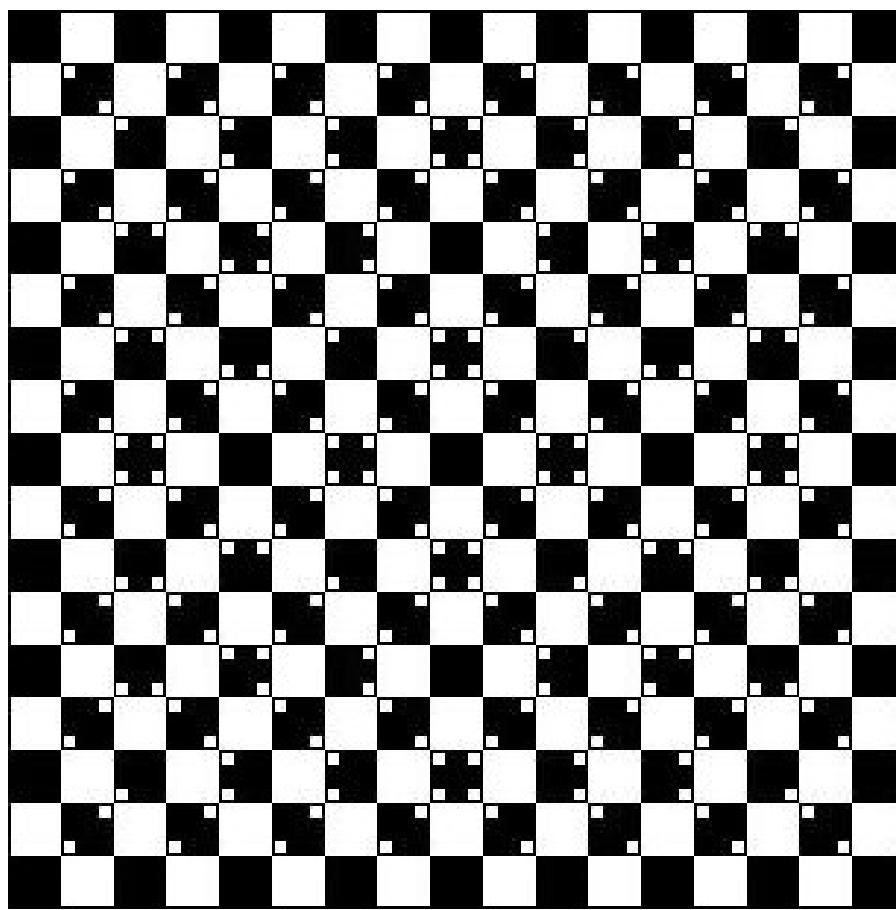
# Orienting things in space



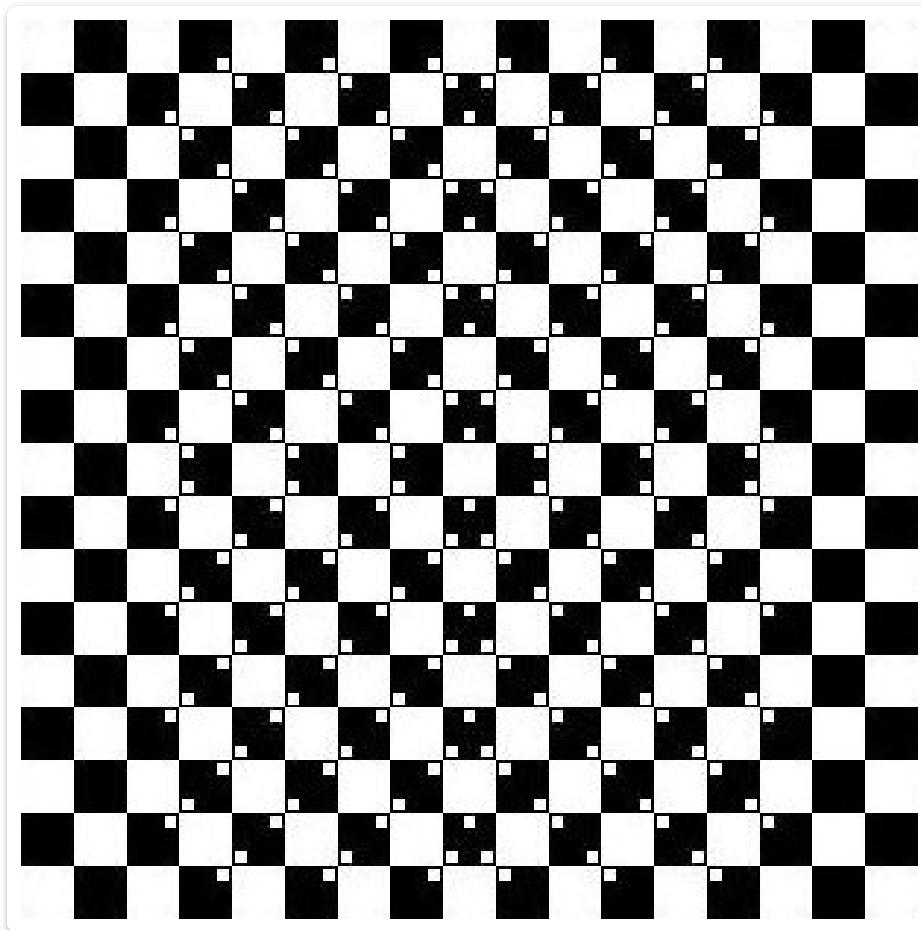
# Orienting things in space



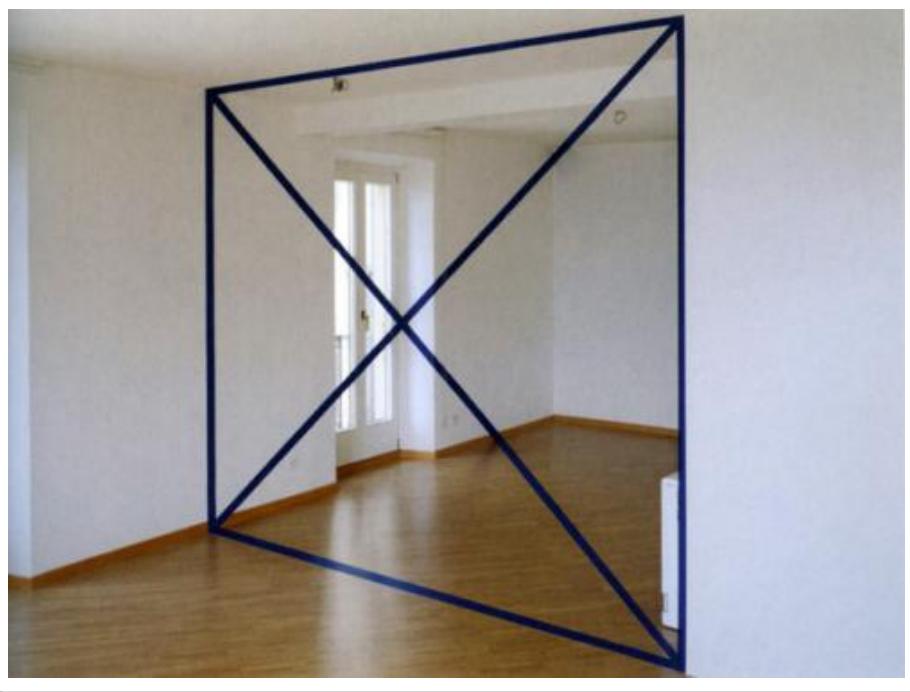
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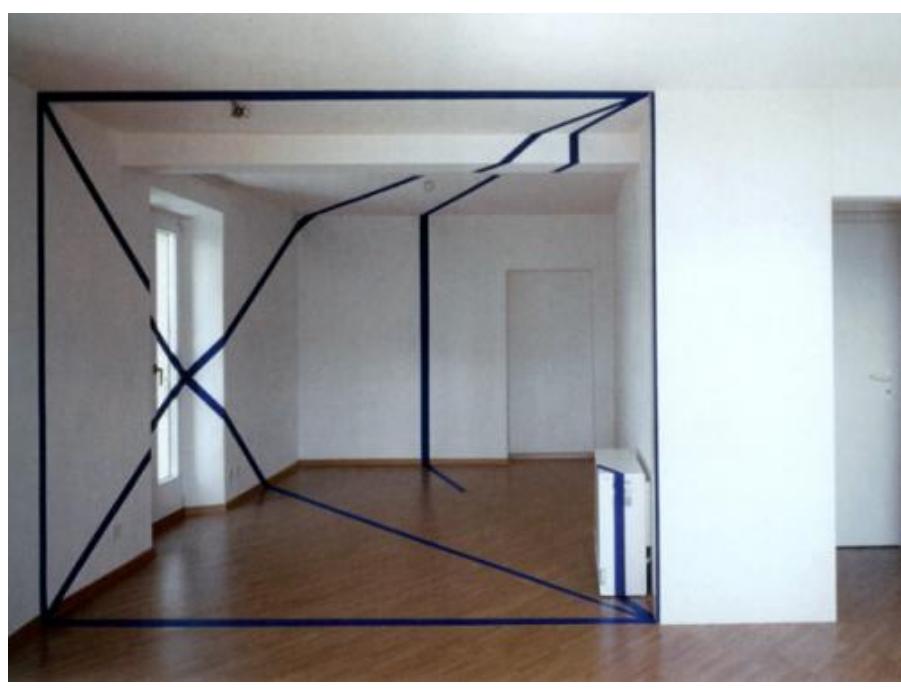
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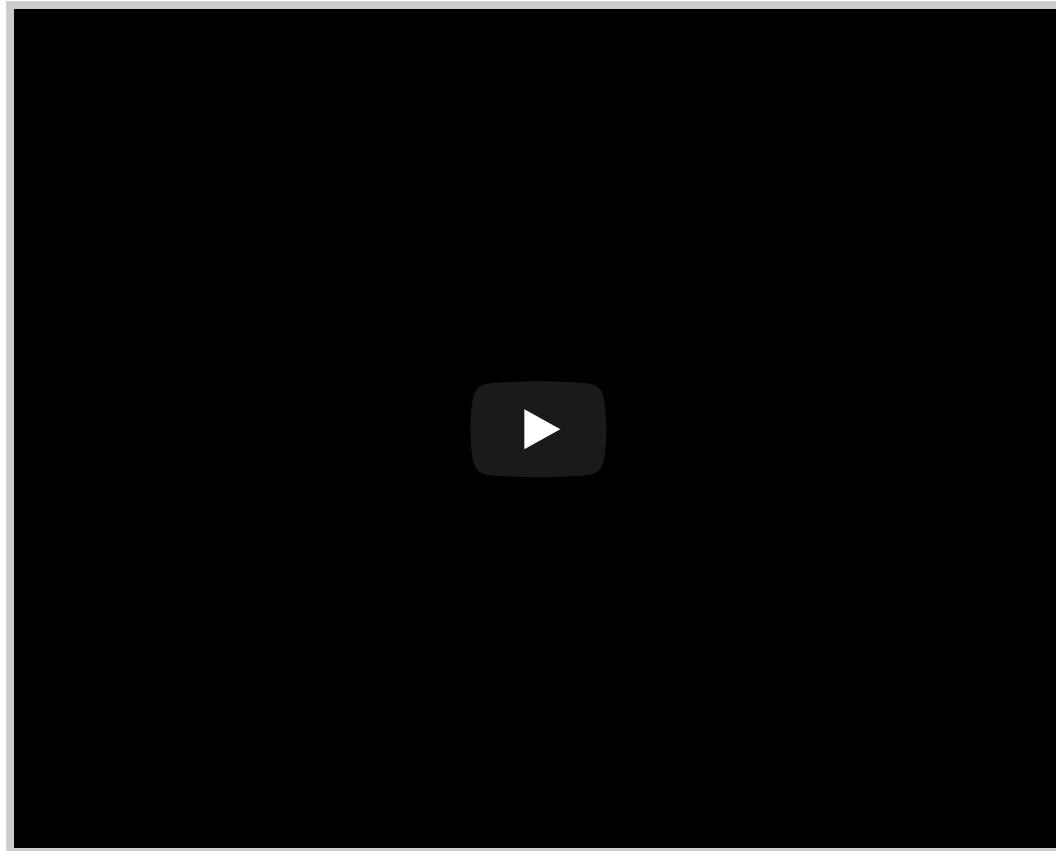


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# Orienting things in space

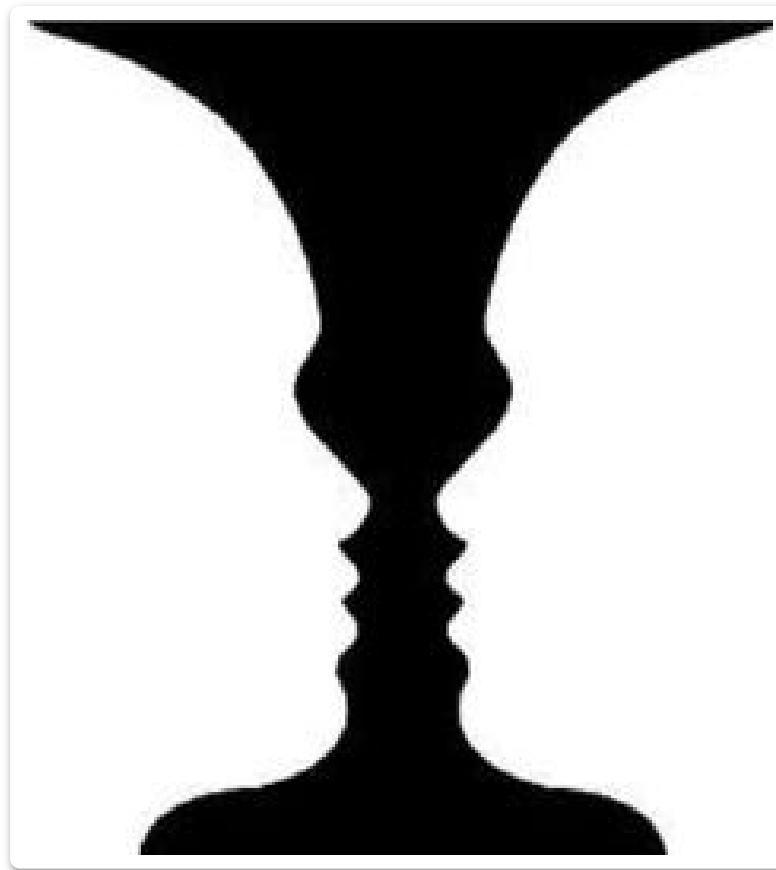


# Orienting things in space



# Interpreting objects

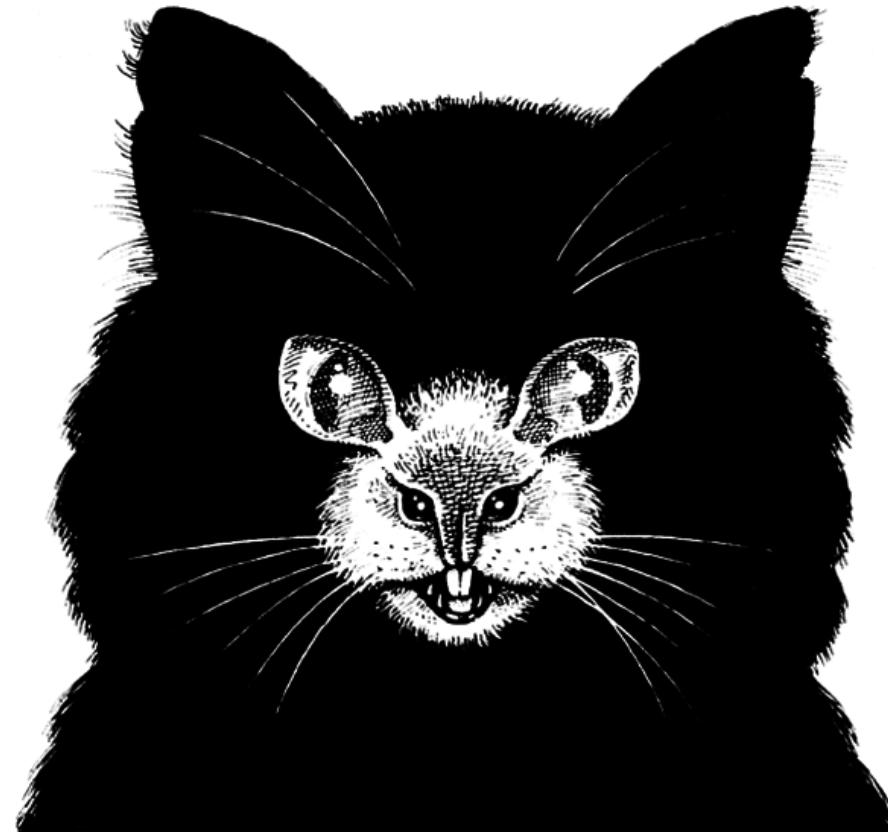
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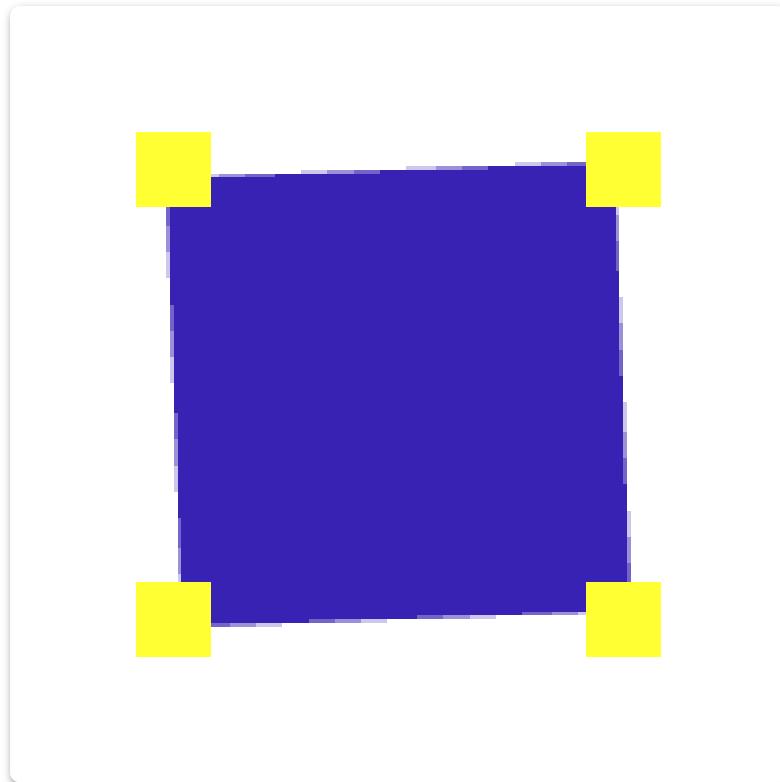
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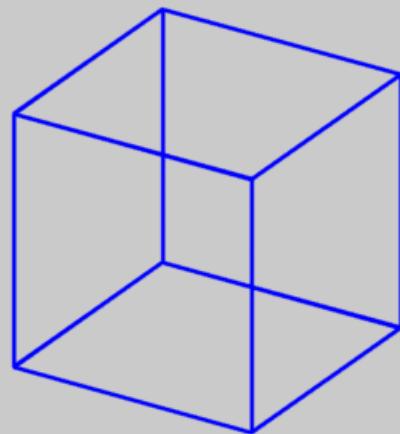
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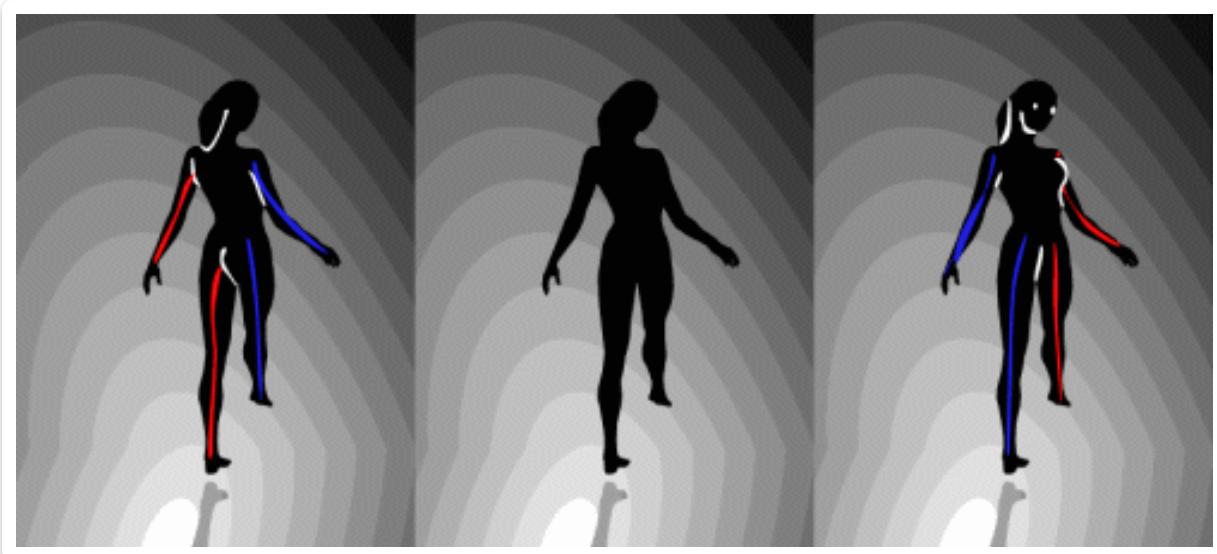
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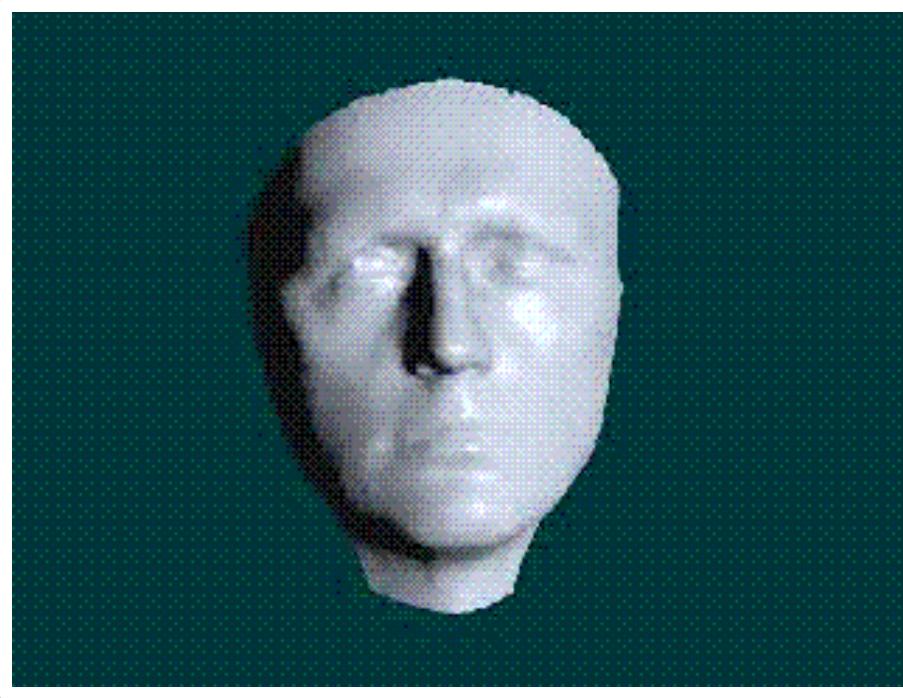
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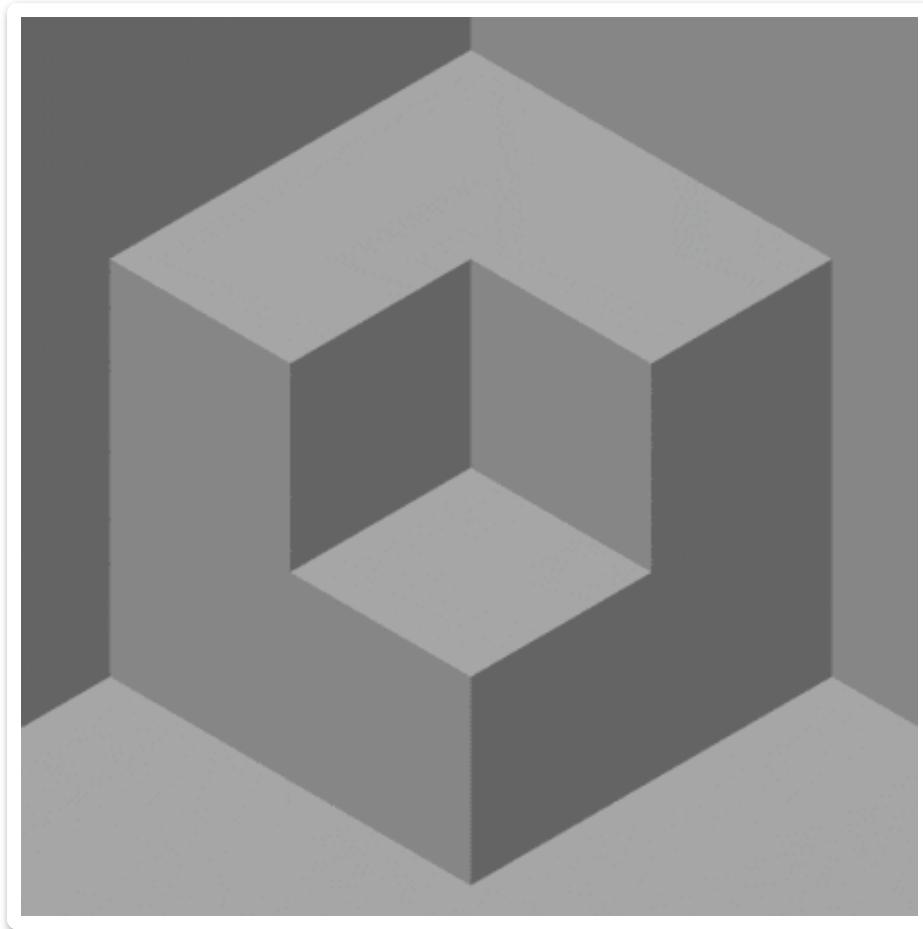
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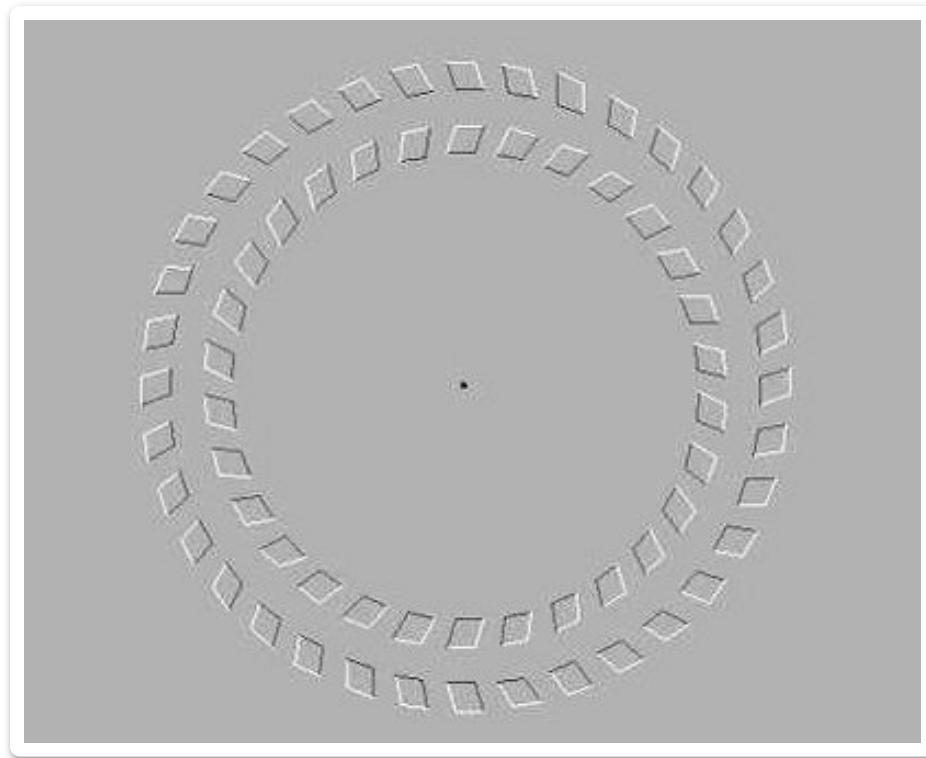


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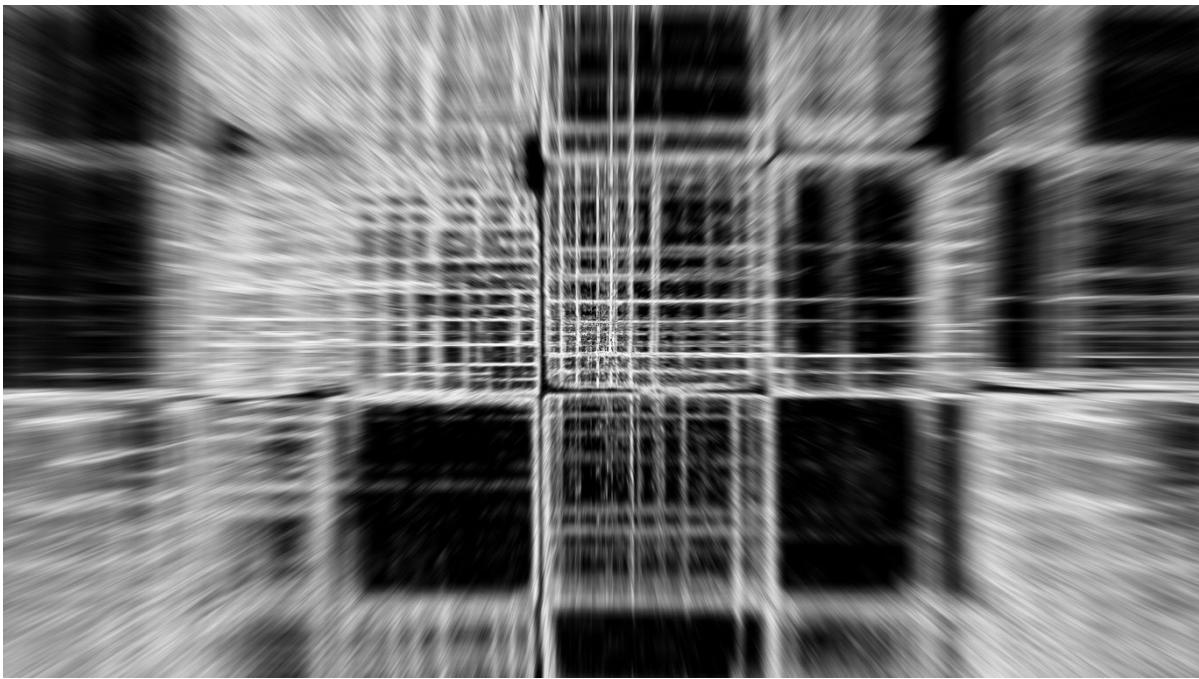


# Perceiving motion

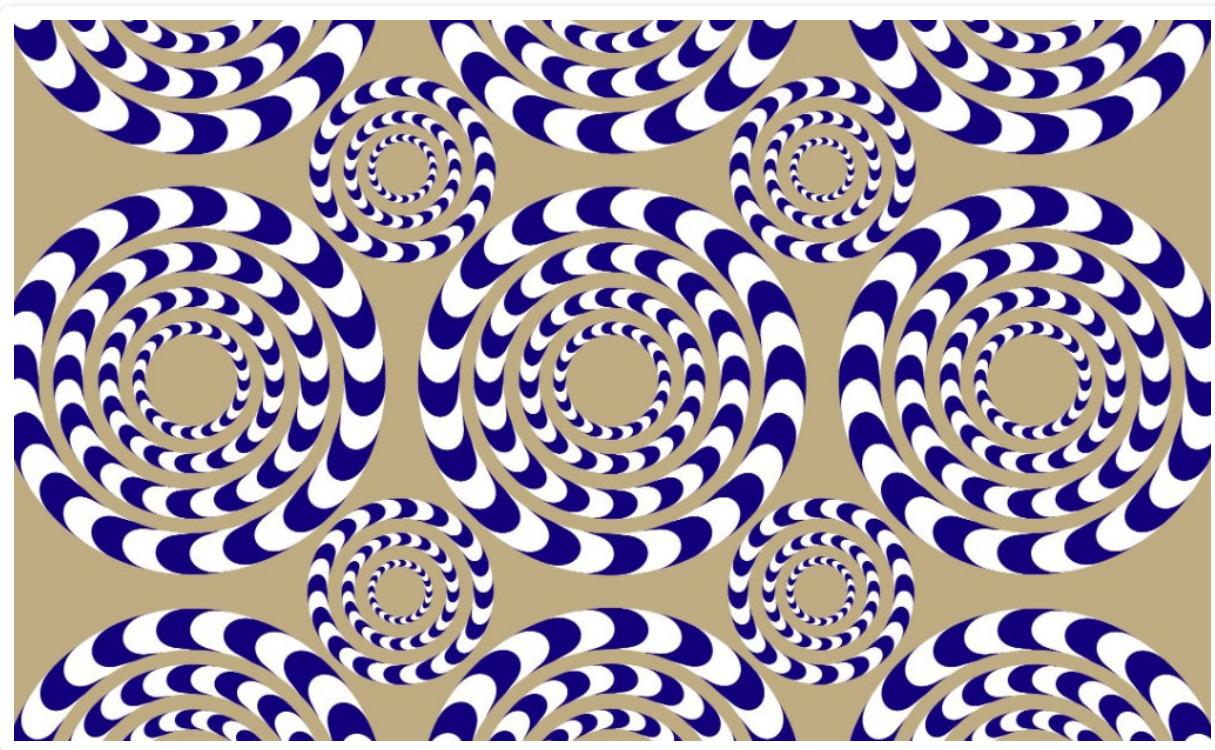
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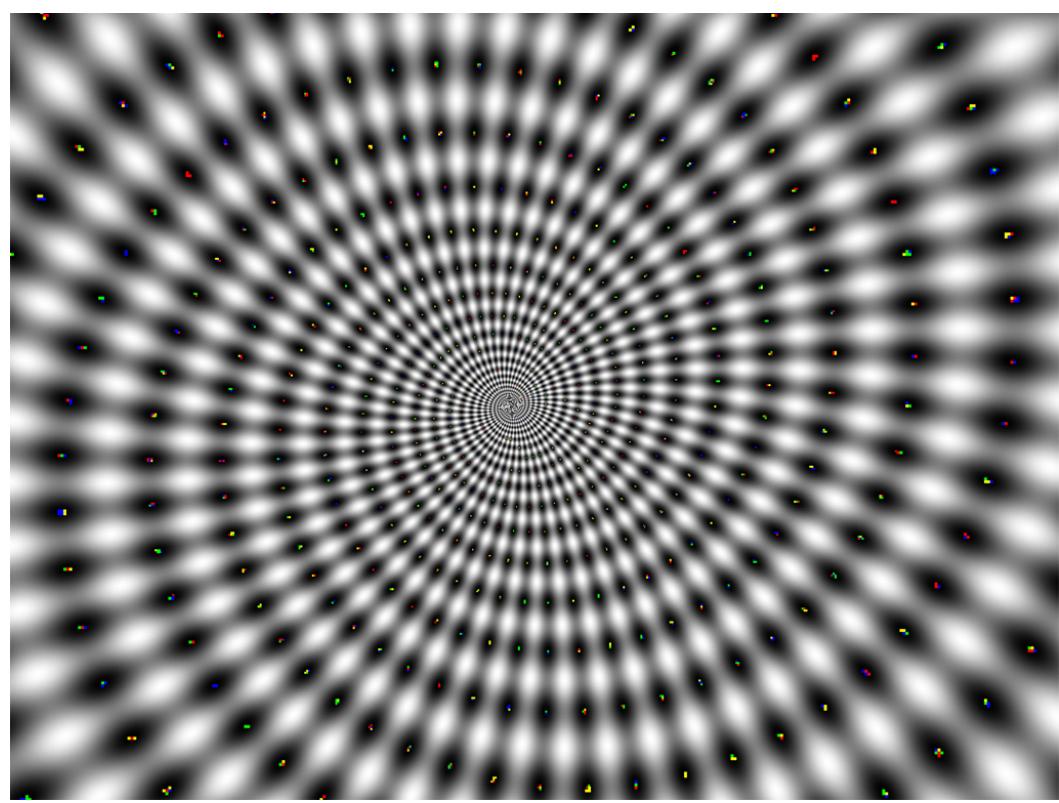
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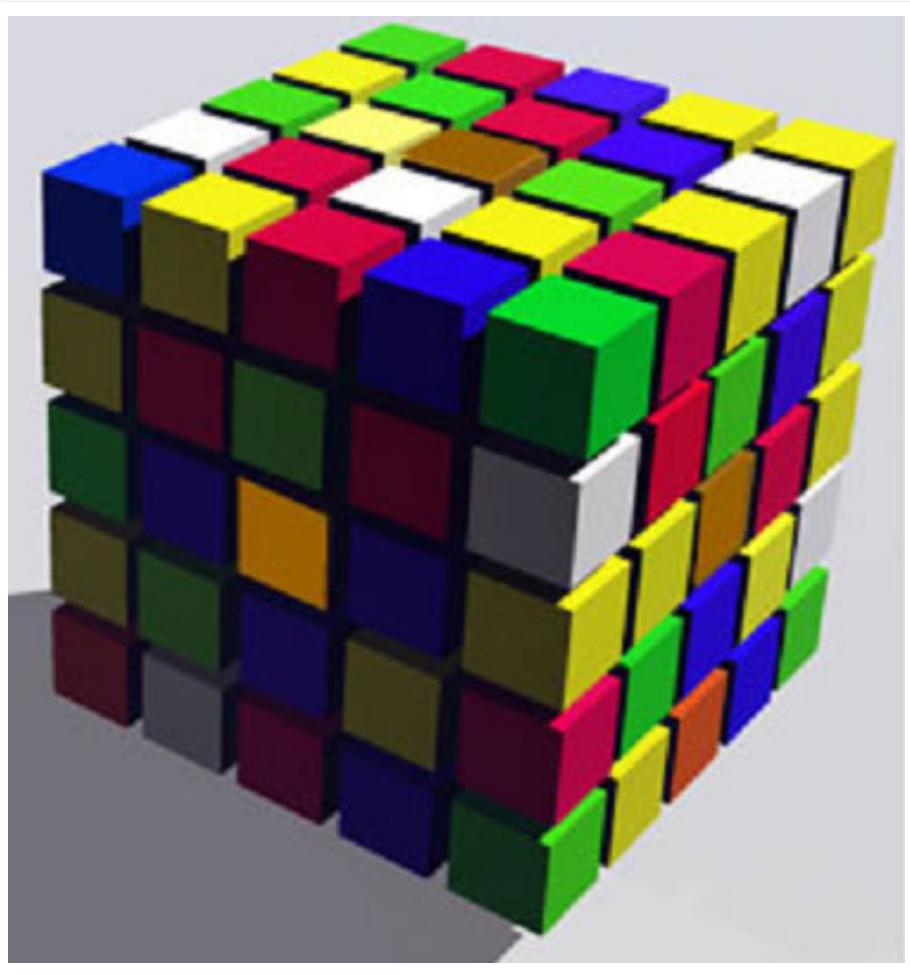


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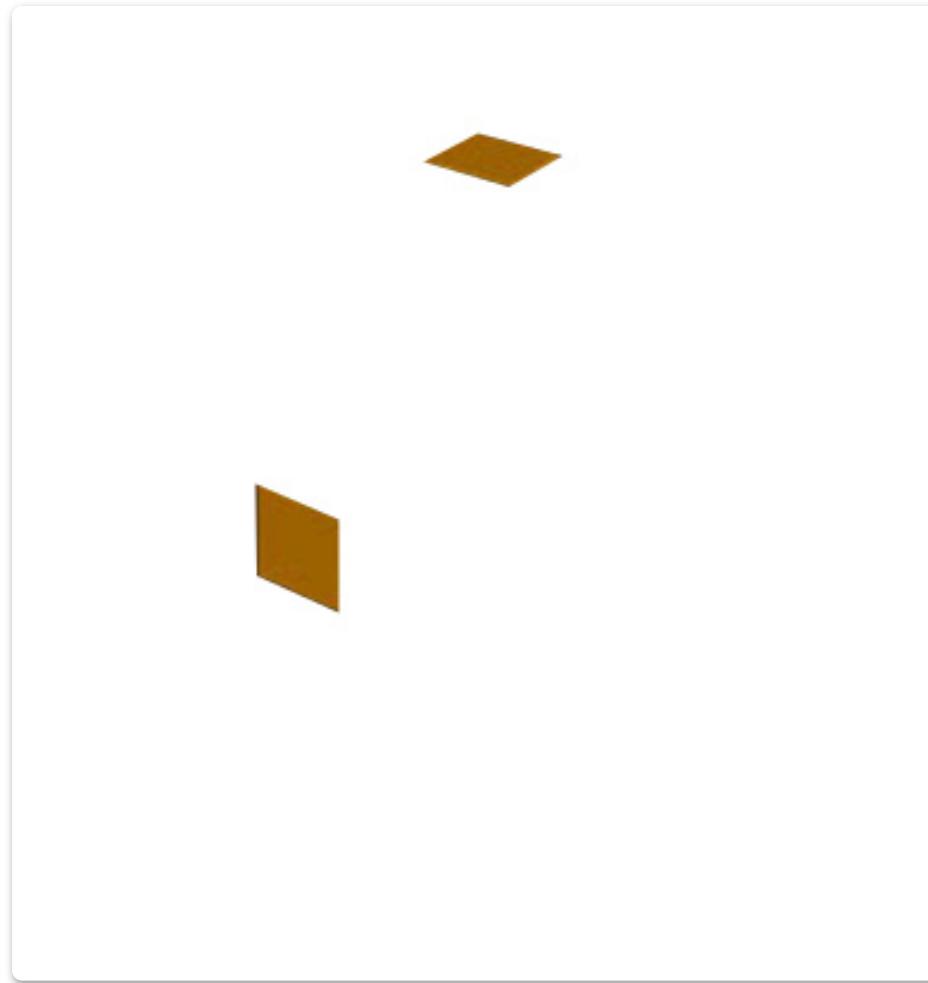


# Perceiving color

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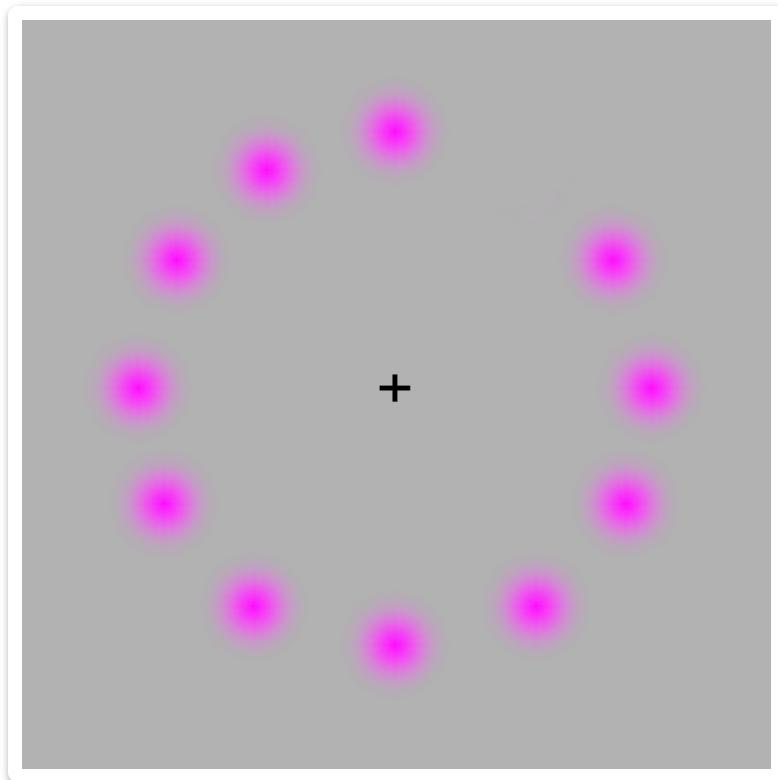


# Perceiving color



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