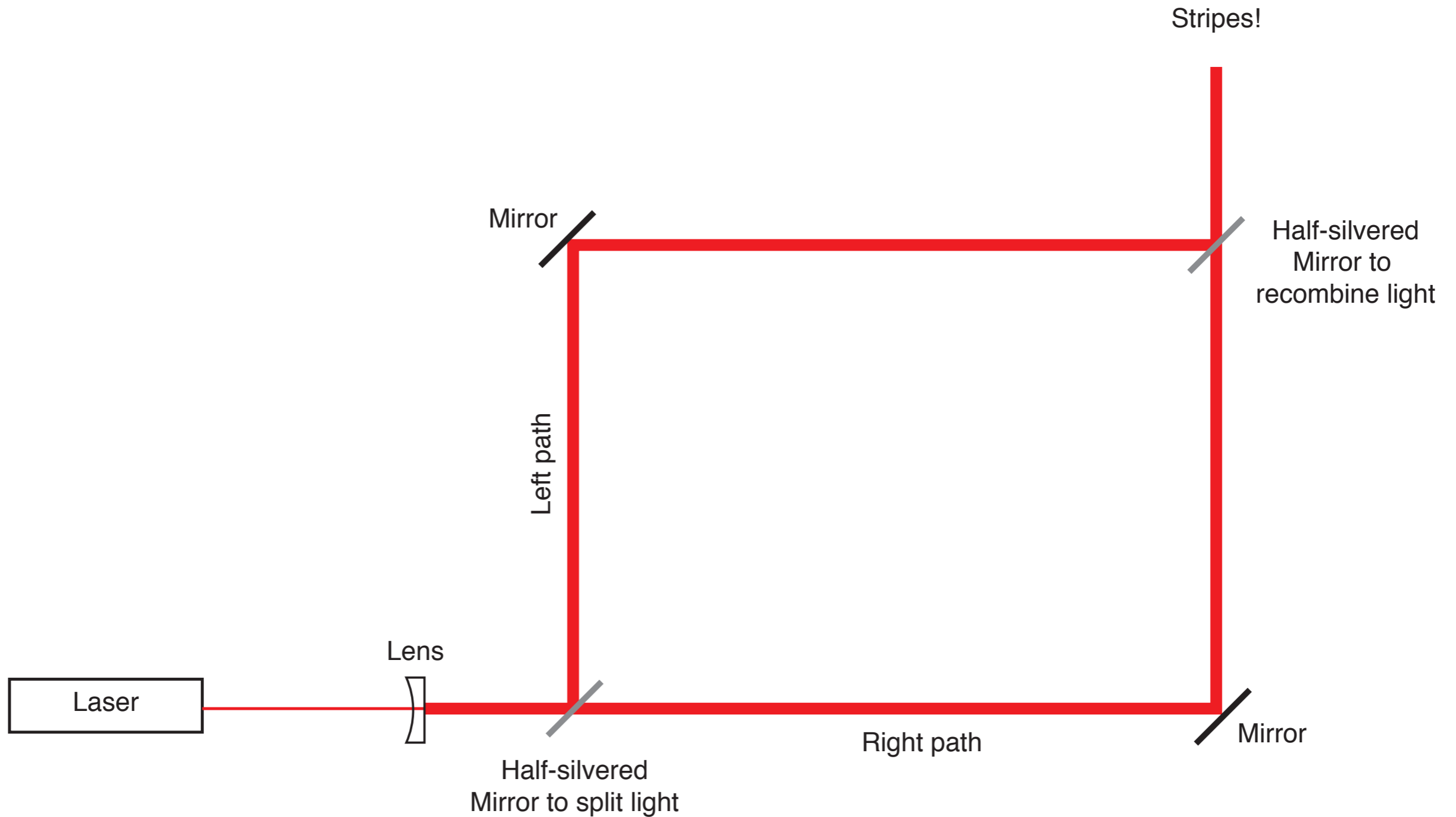
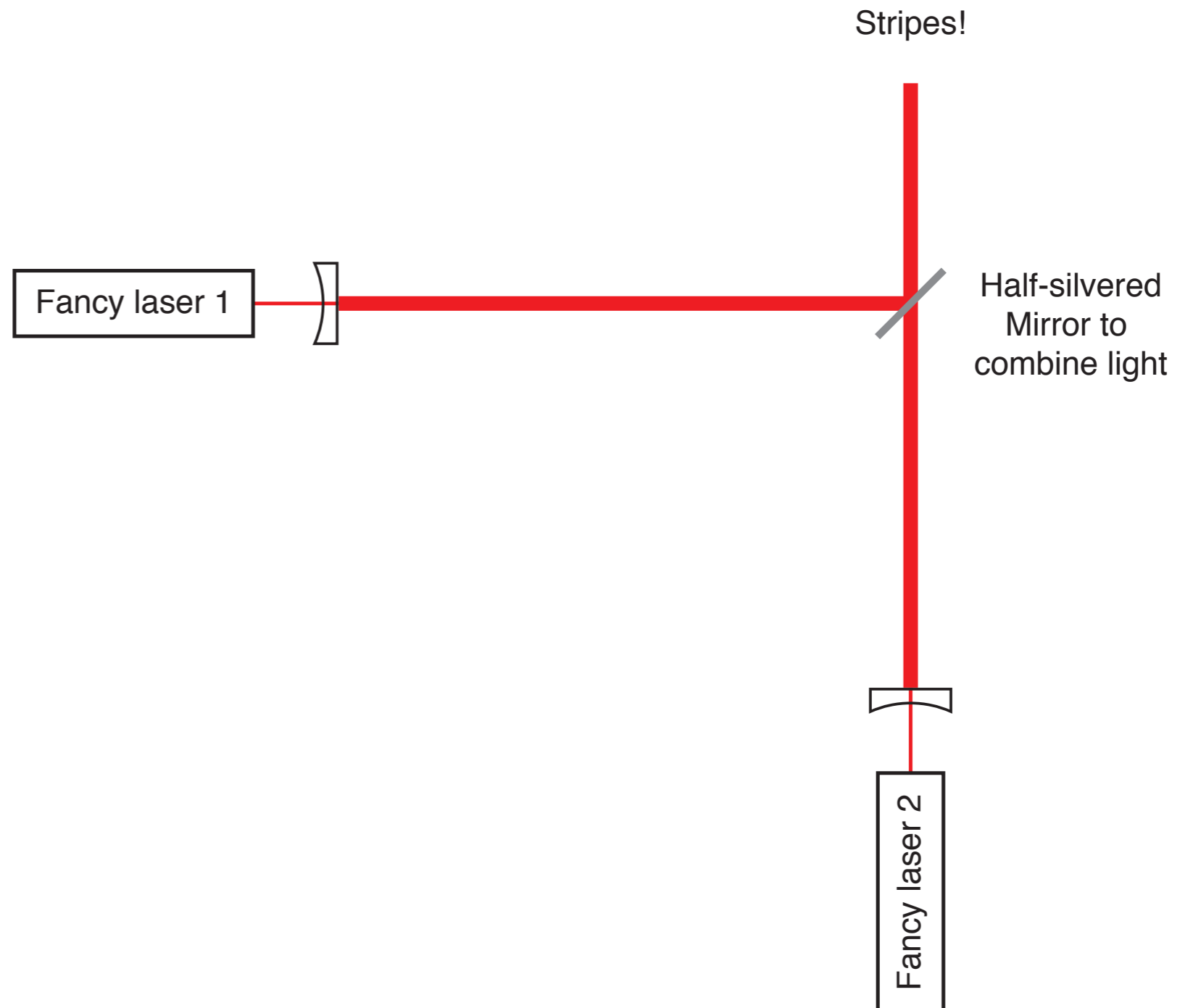


Particle Melting Pot

One particle mixing

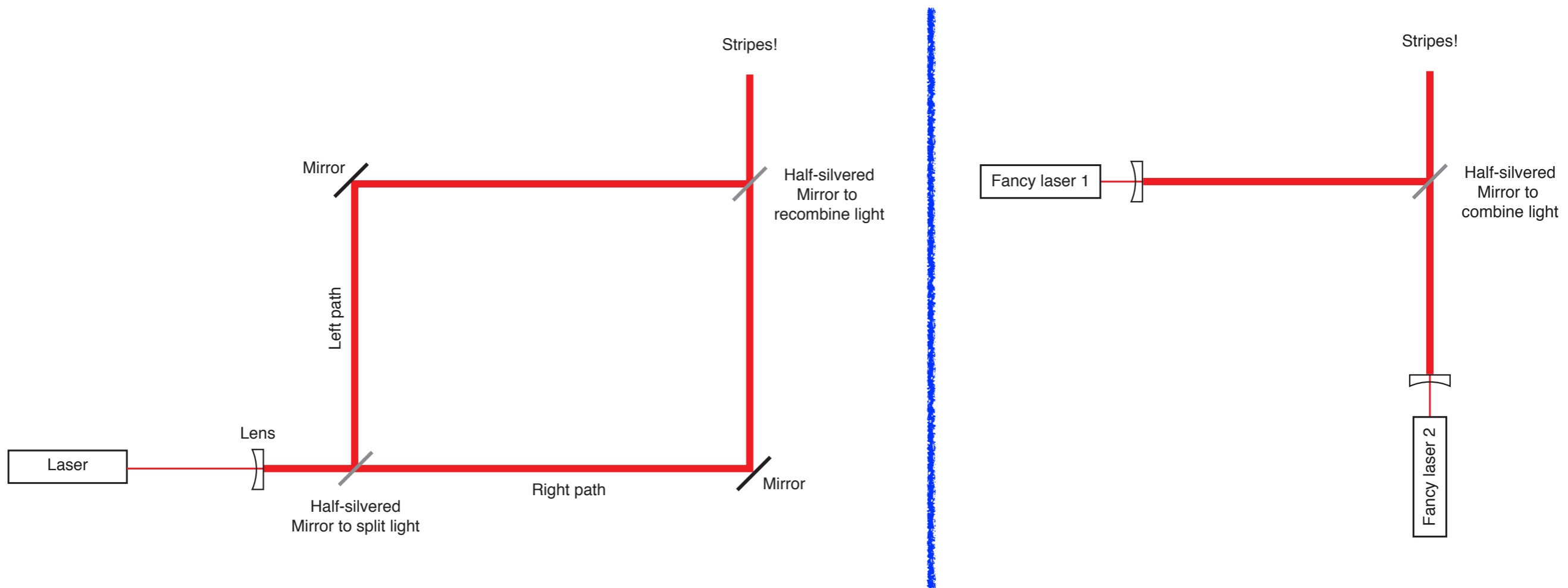


Two particles?



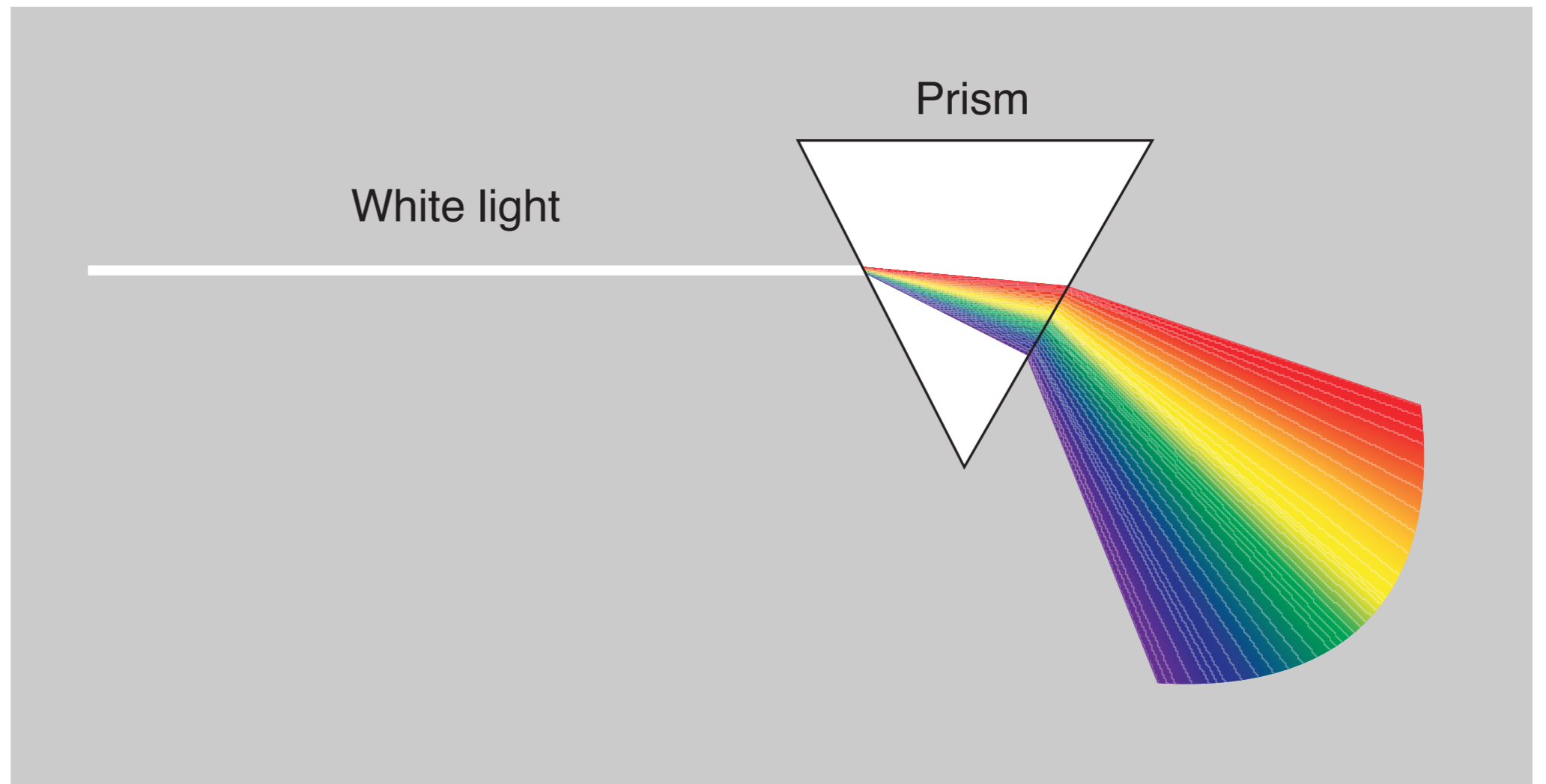
Two particle interference

- Exactly the same as before
- Nature does not care if it is one laser or two, a wave is a wave and all particles move like waves

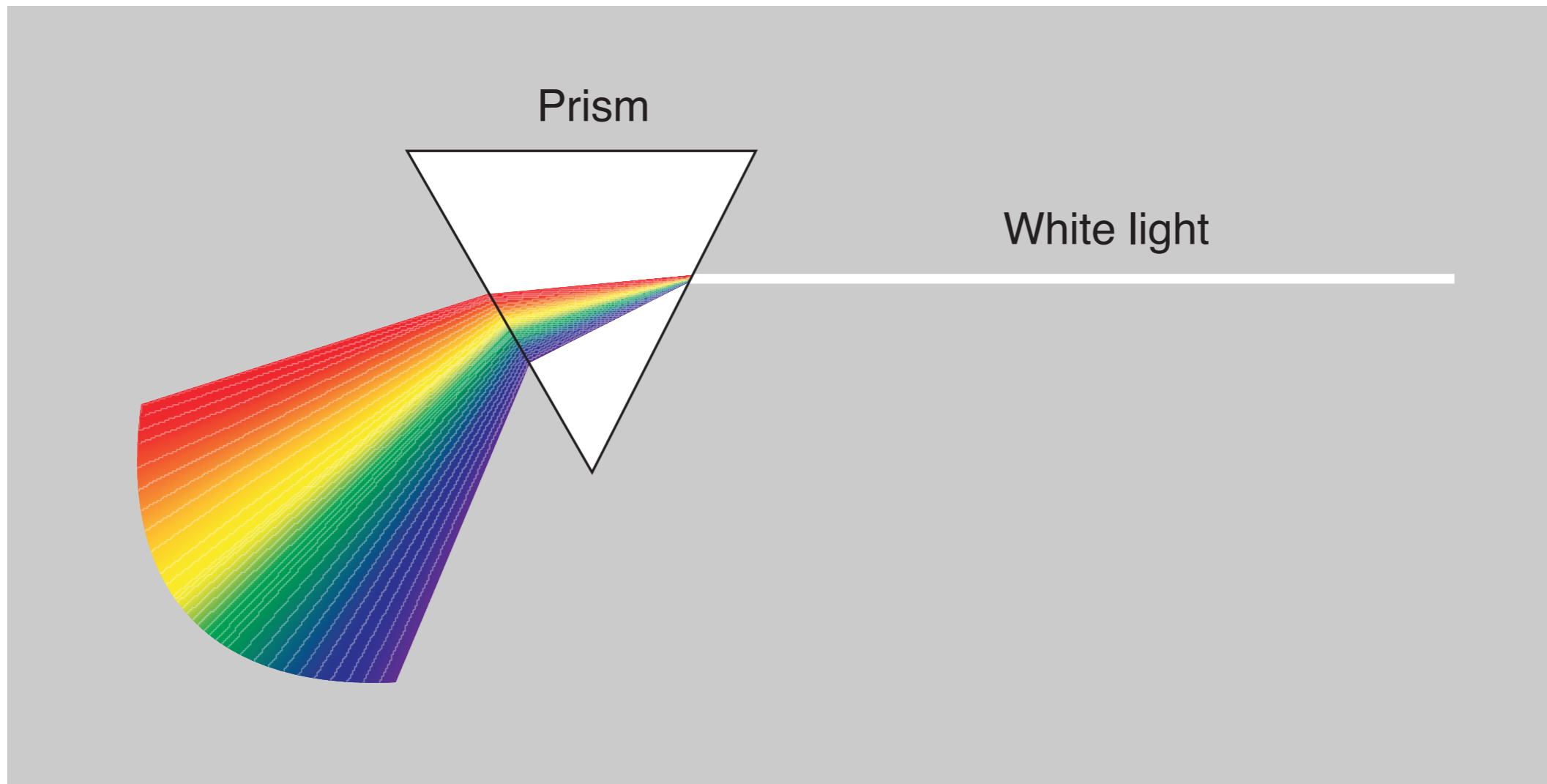


Two colors?

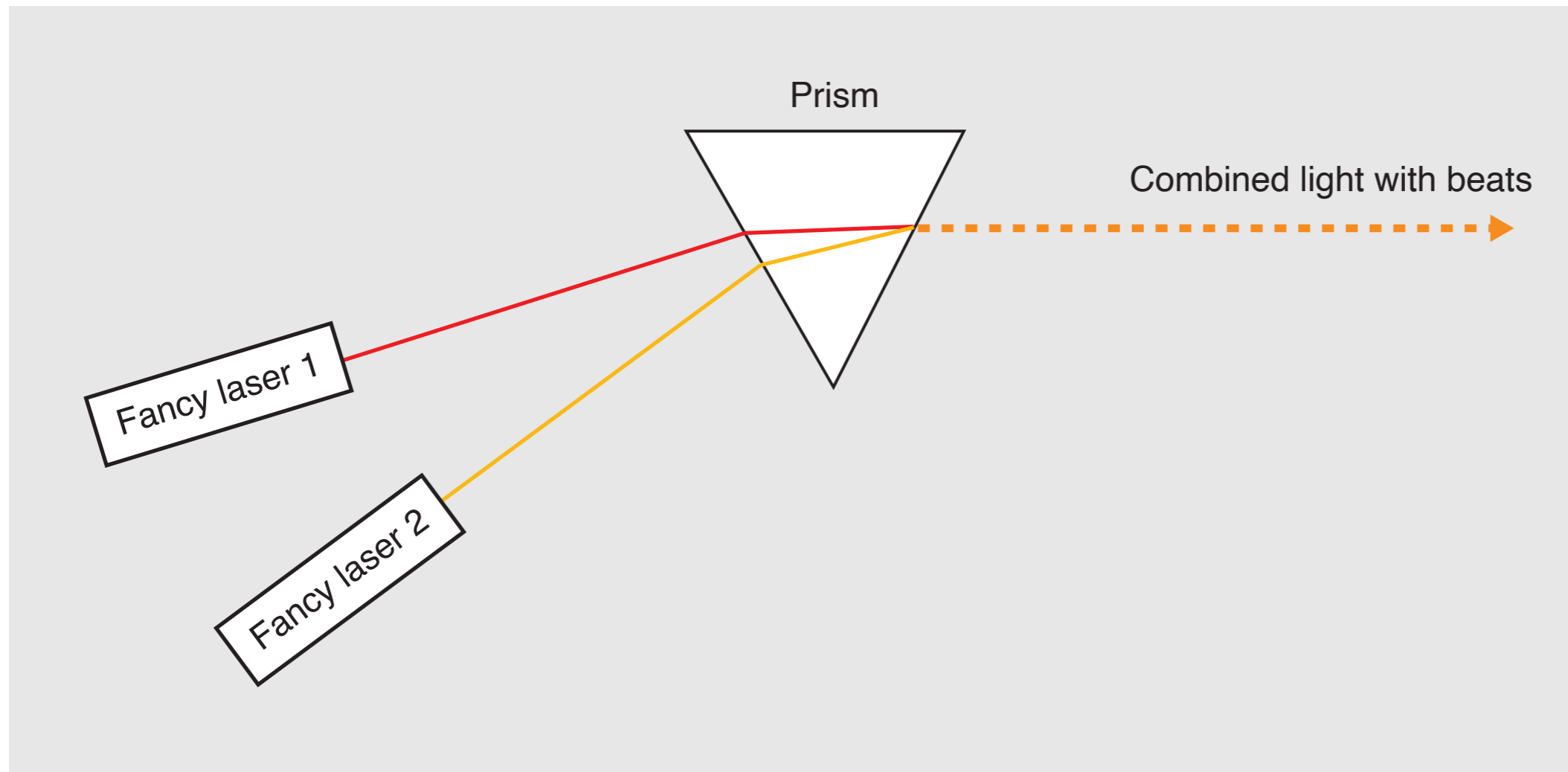
White light through a prism



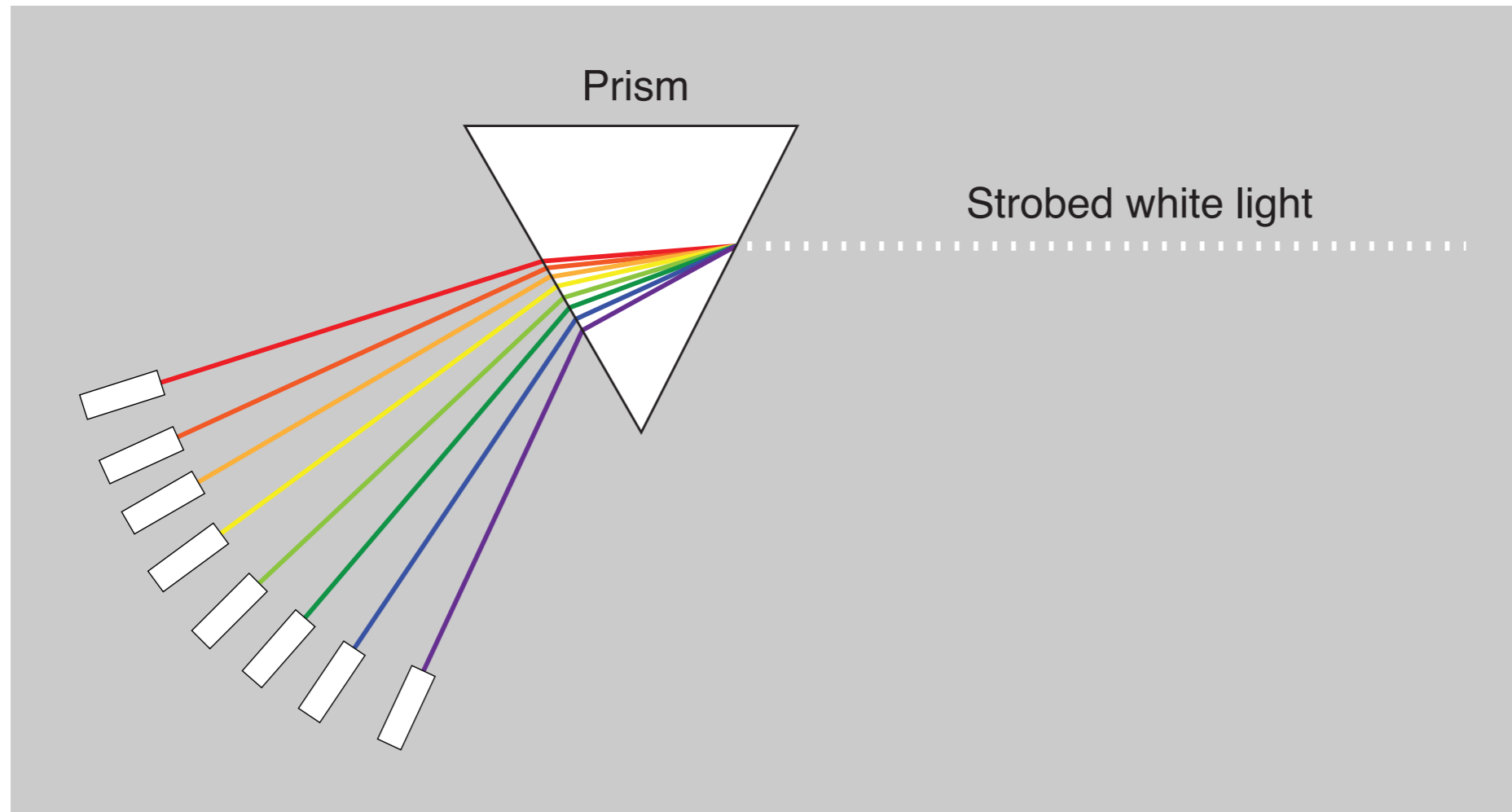
Colored light to white light



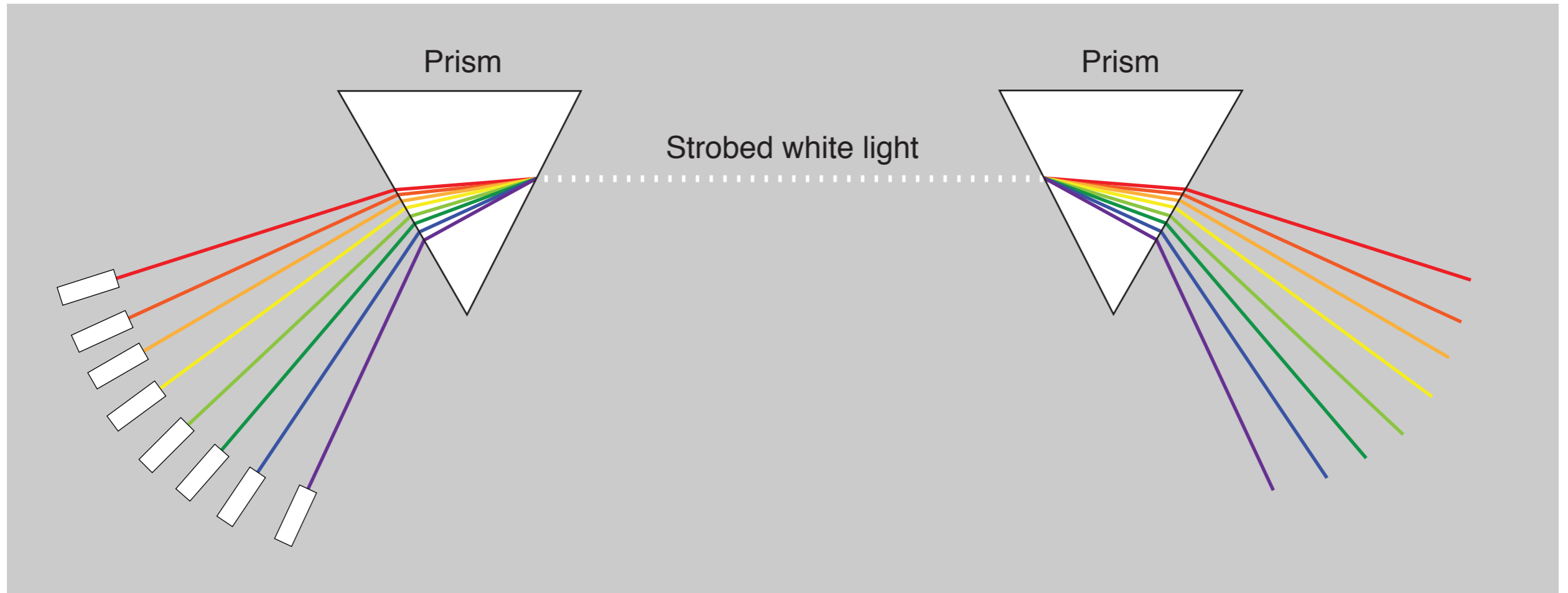
Two lasers



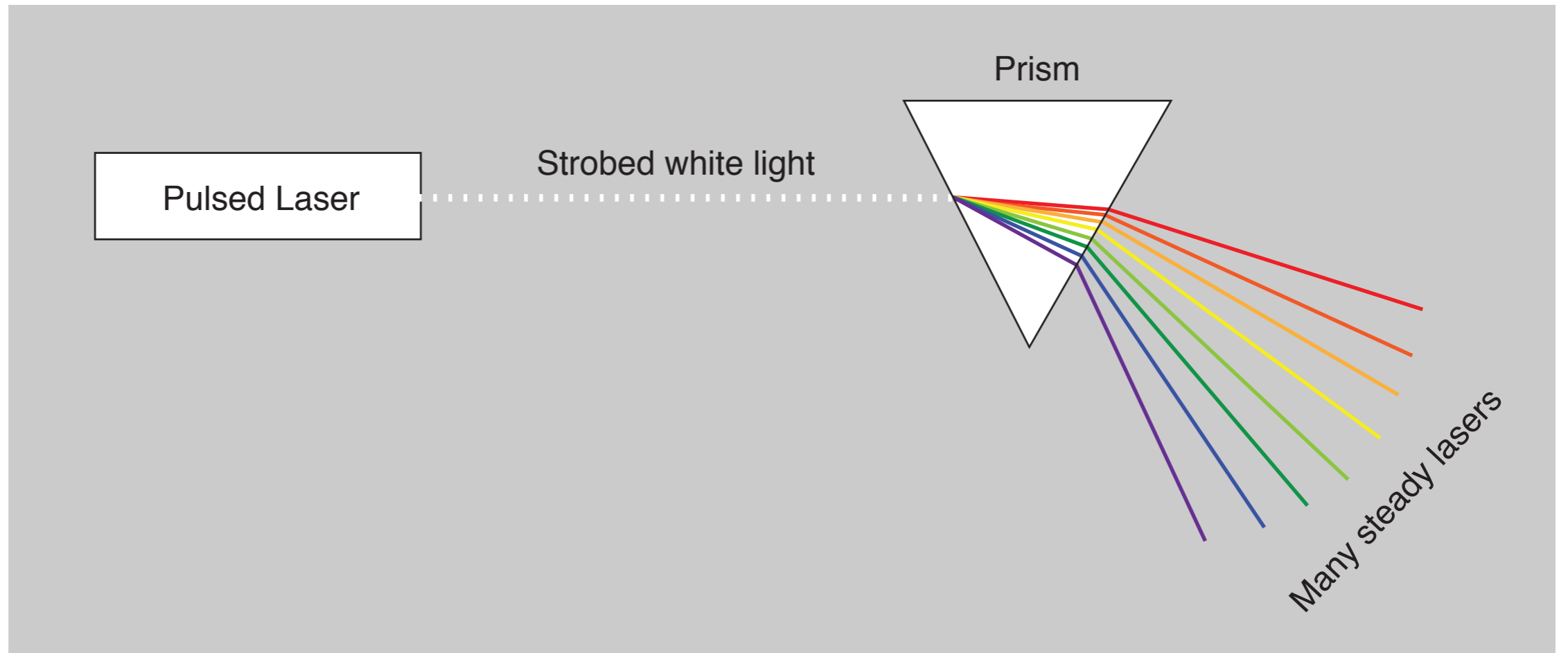
Many fancy lasers!



Many fancy lasers



Pulsed laser



Optical Frequency Comb

