

Report for Raytracer Coursework COMS30115
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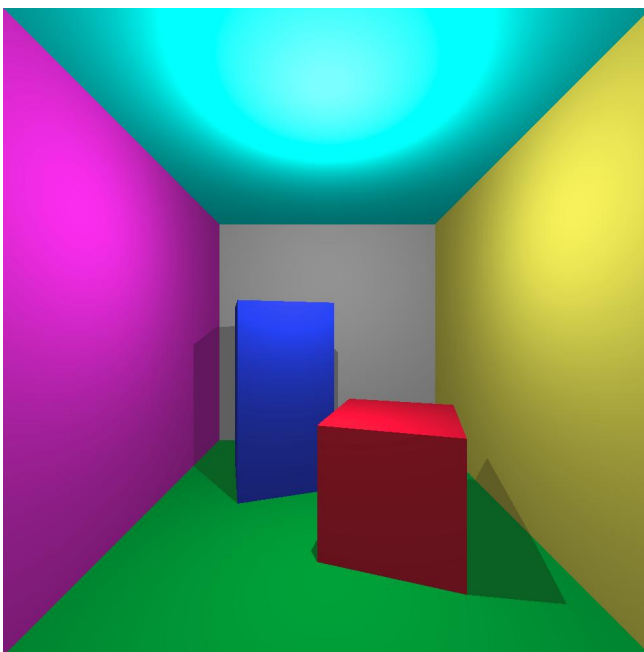
Raytracer:

We followed the Lab instructions to create a raytracer. Then we decided to extend the work by creating multiple lights to provide soft shadows for our cornell box. The final part of our extension was to create a basic photon mapper to act as indirect light in our scene.

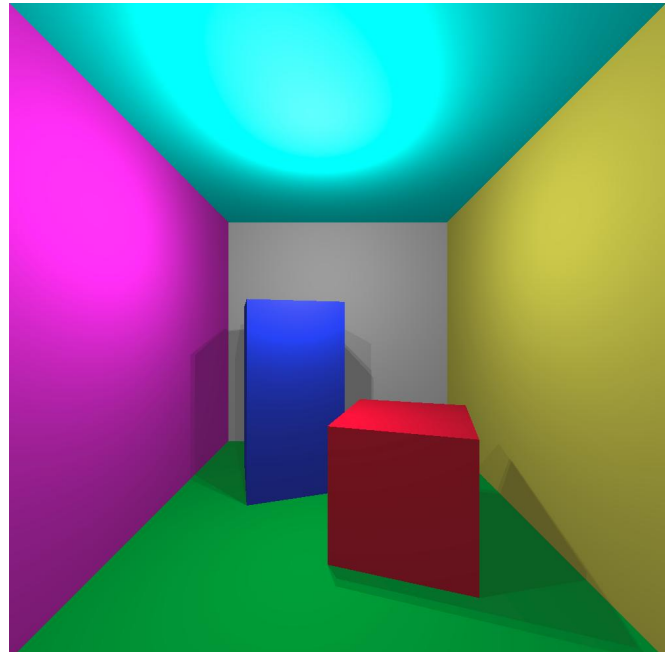
Extensions:

- Soft shadows by using multiple light sources.
- Simple implementation of a basic photon mapper.

Raytracer:



Multiple Lights/Soft shadows:



Photon mapping with soft shadows:

