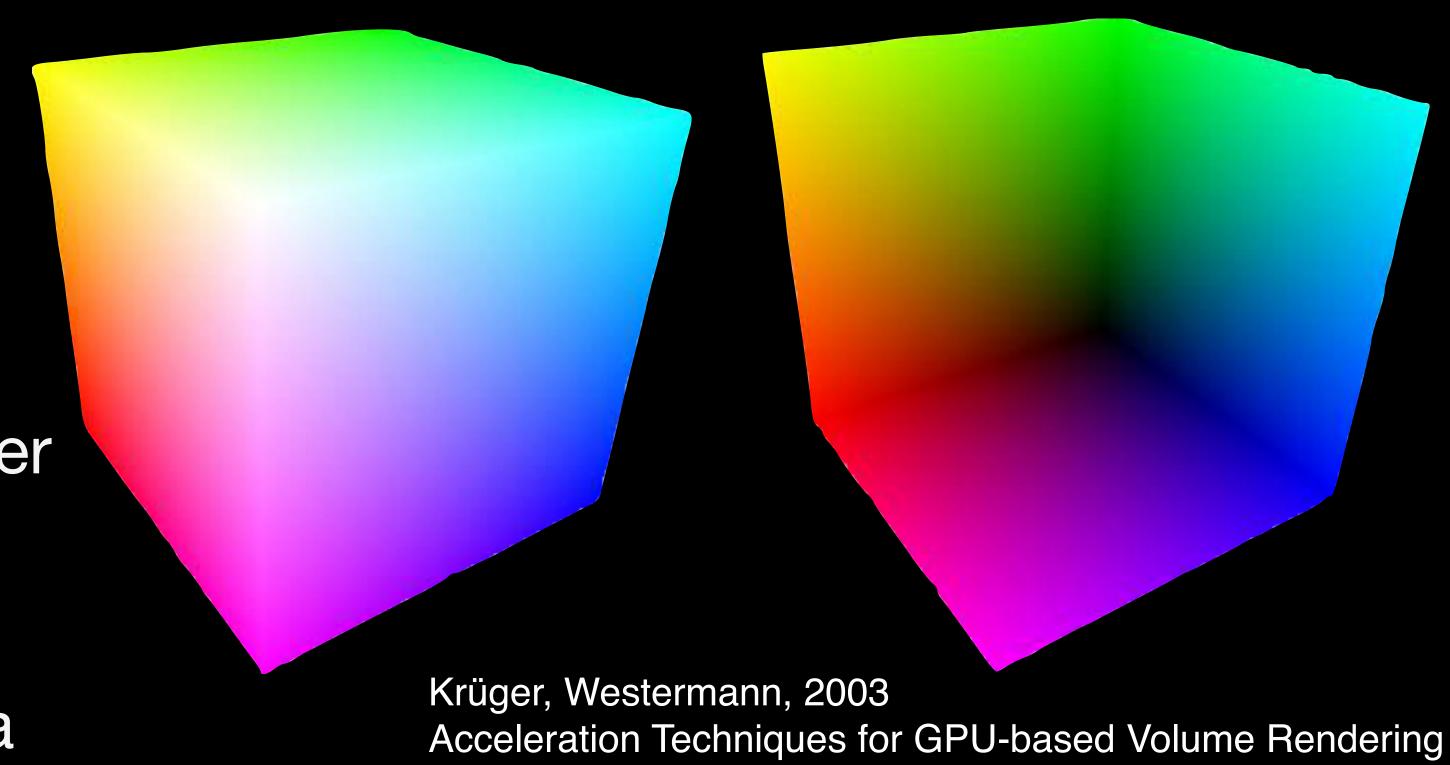
KRÜGER-WESTERMANN PROXY GEOMETRY

- Render *Proxy Geometry* twice using the position as color [0, 1]
- First pass
 - Render front front side of the proxy geometry into a frame buffer
- Second pass
 - Render back side of the proxy geometry using the same camera parameters
- Third pass
 - Compute the difference between back side and front side color -> direction vector
 - Loop over the ray and perform compositing





RAYMARCHING

```
vec4 traverseRay(vec3 first, vec3 last) {
vec4 result = vec4(0.0);
vec3 direction = normalize(last - first);
                                                                    <- uniform float numSteps</pre>
float stepIncr = length(last - first) / numSteps;
float t = 0.0;
for (int i = 0; i < numSteps; ++i) {
  vec3 sampleCoord = first + t * direction;
  float intensity = texture(volume, sampleCoord).a;
                                                                    <-uniform sampler3D volume</pre>
                                                                    <- uniform sampler1D transferFunction</pre>
  vec4 color = classify(transferFunction, intensity);
  if (color<sub>a</sub> > 0<sub>0</sub>) {
    result.rgb = result.rgb + (1.0 - result.a) * color.a * color.rgb;
    result.a = result.a + (1.0 - result.a) * color.a;
  t += stepIncr;
return result;
```

