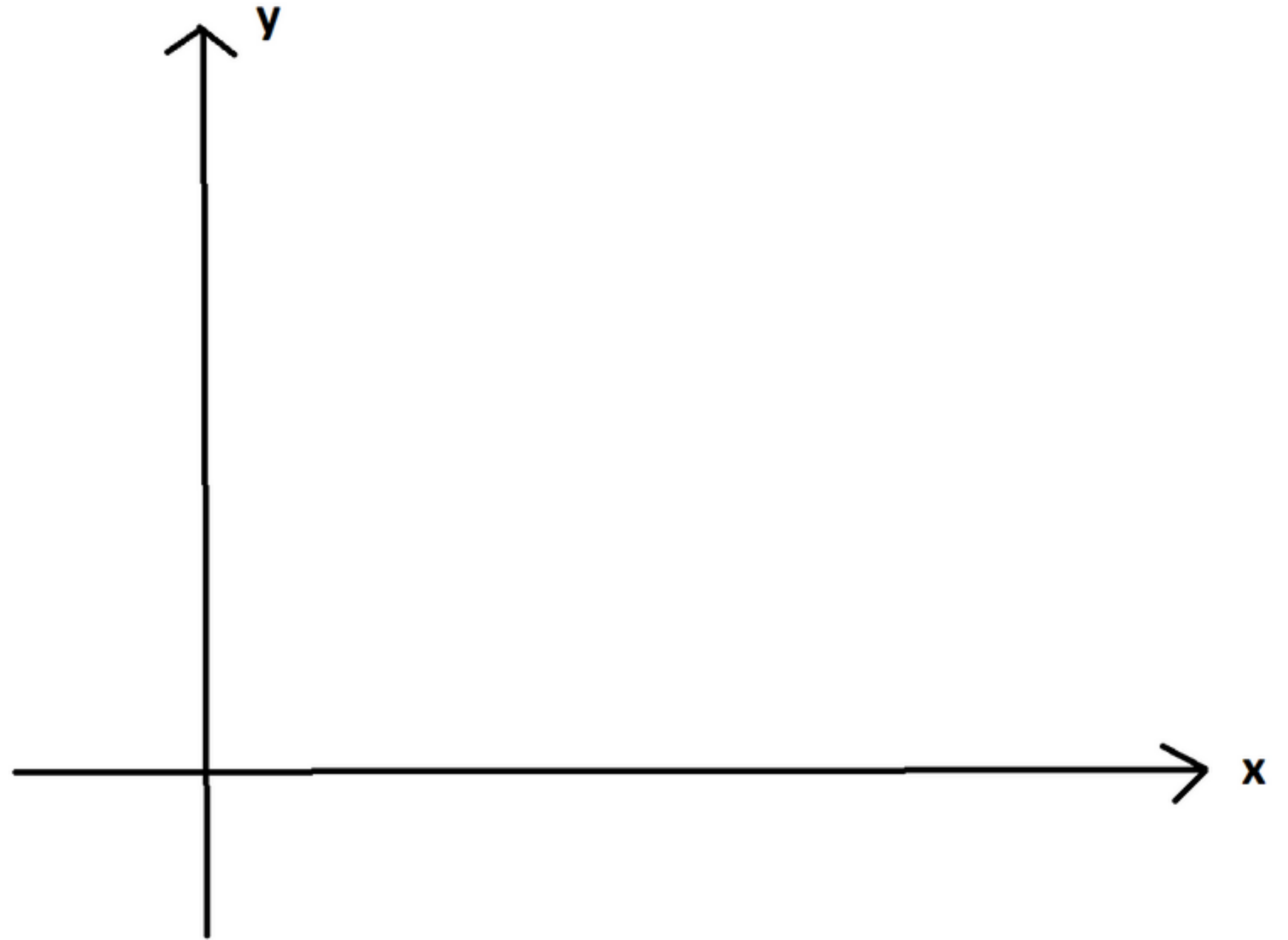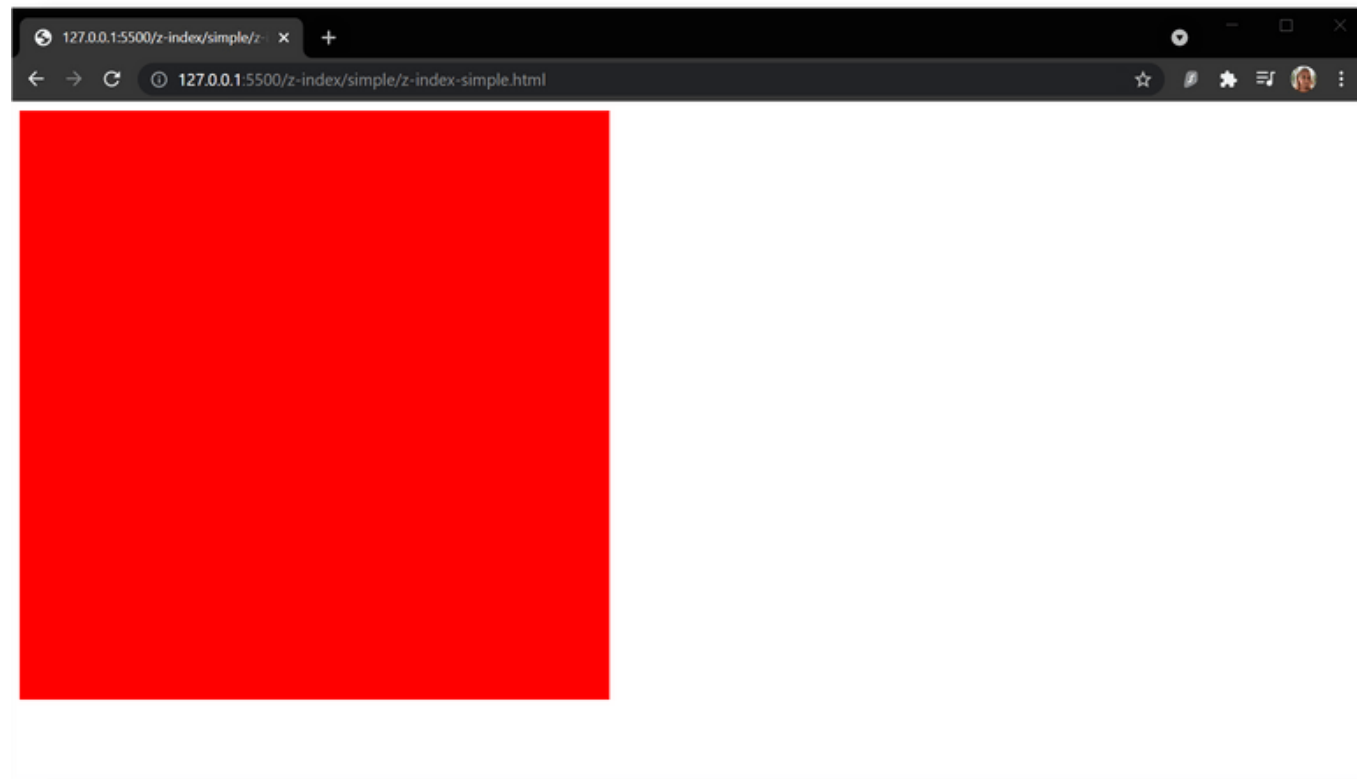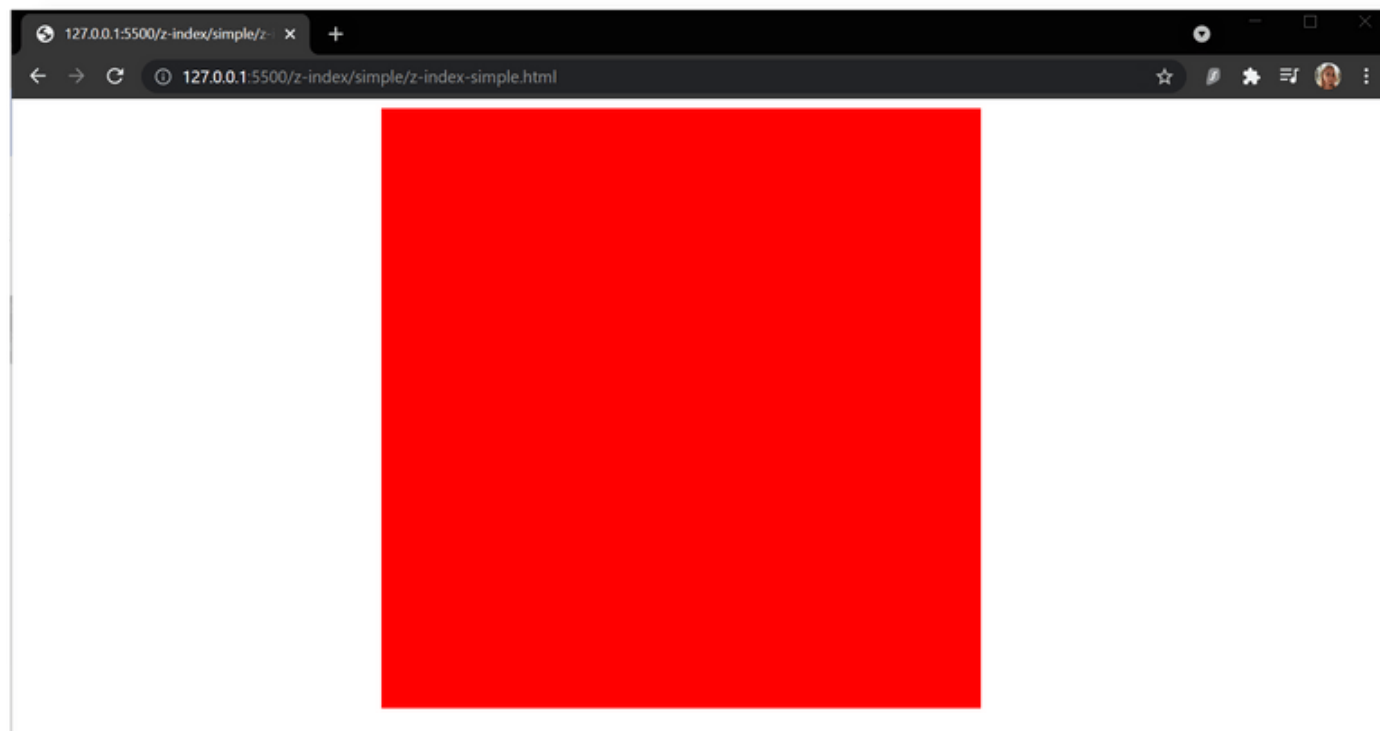# z-index

Mariya Shmalko

2D plane

x-axis
y-axis

```css
.box {
  height: 500px;
  width: 500px;
}


.red {
  background-color: red;
}
```
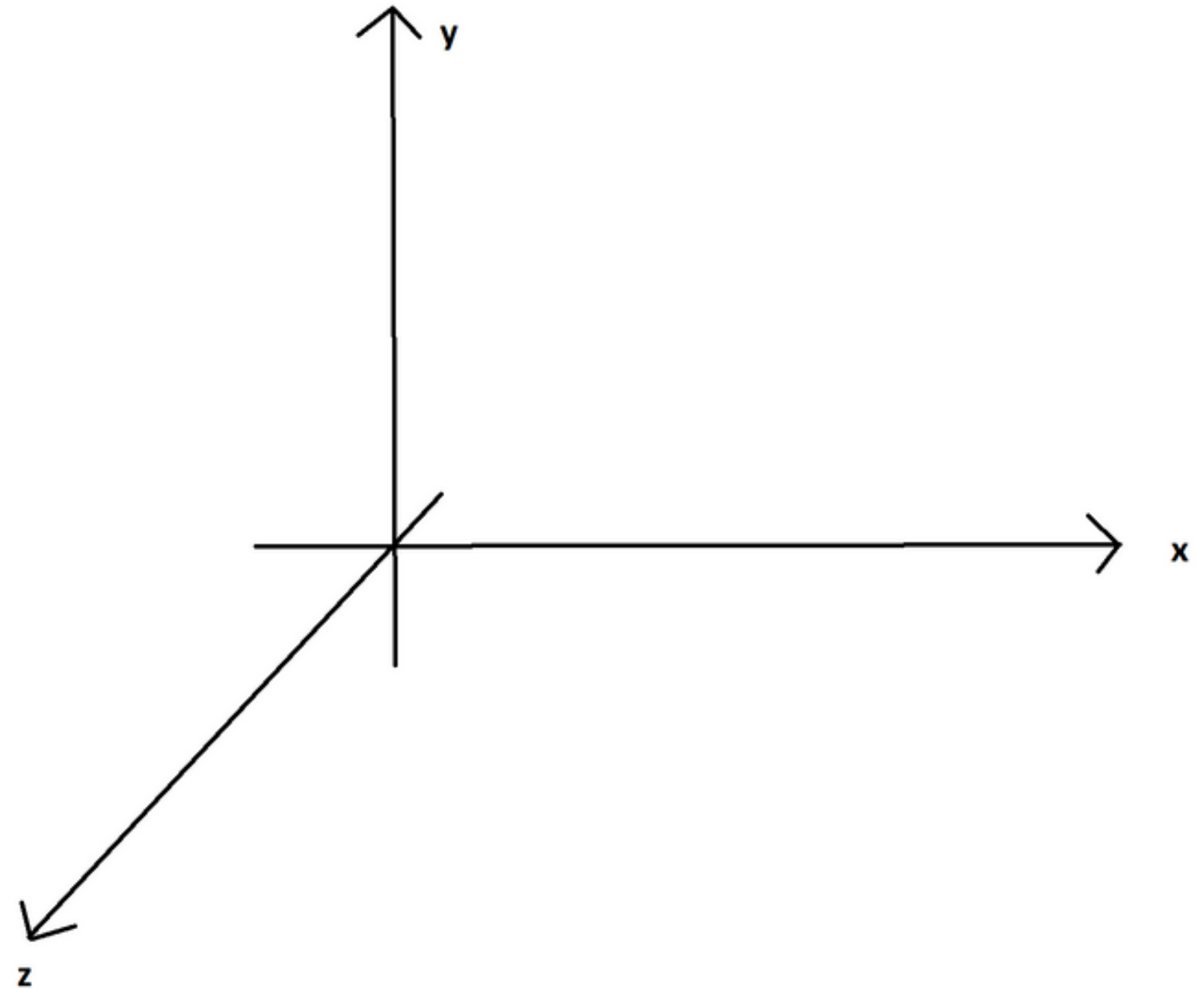


```css
.box {
  height: 500px;
  width: 500px;
}

.red {
  background-color: red;
  position: relative;
  left: 300px;
}
```
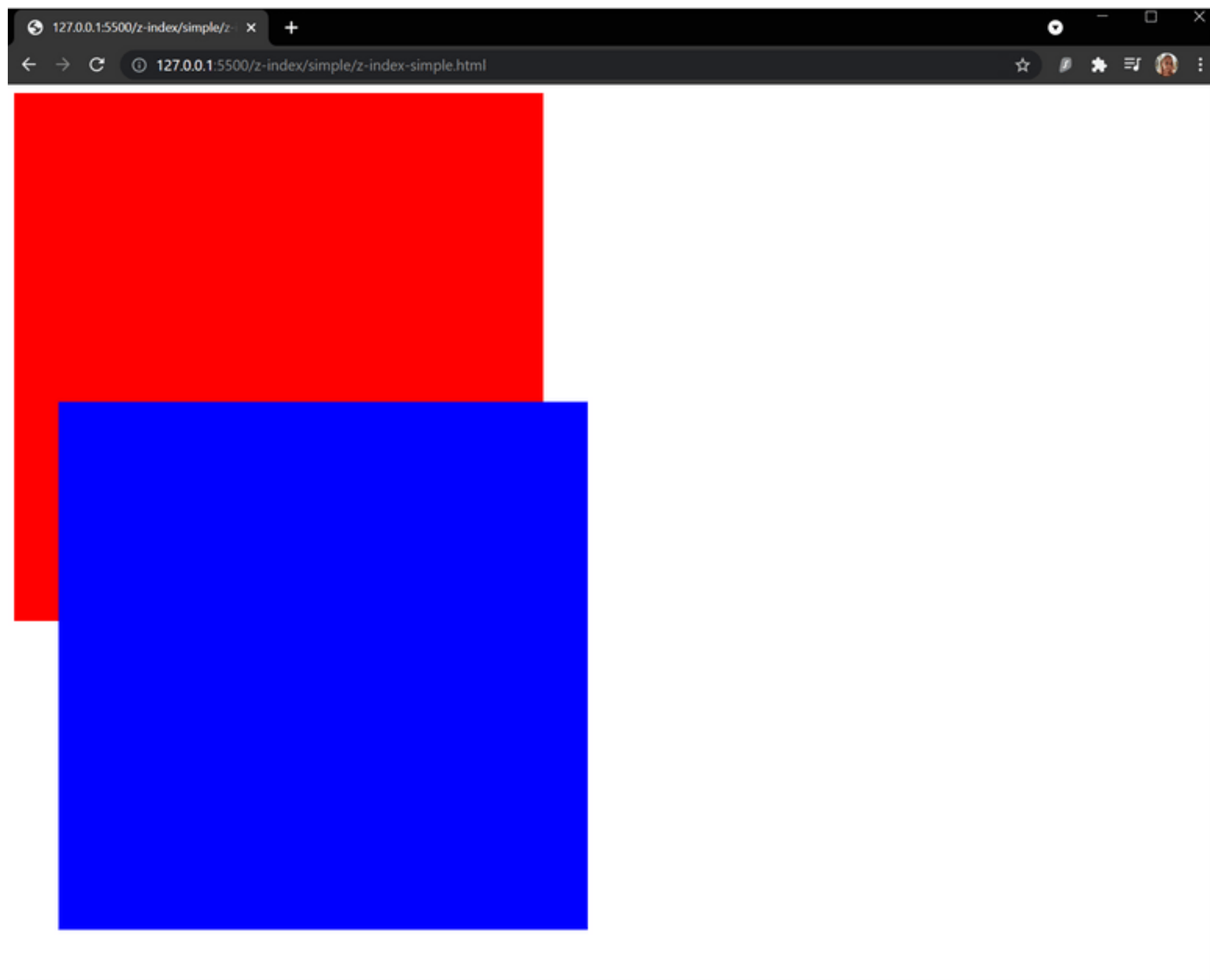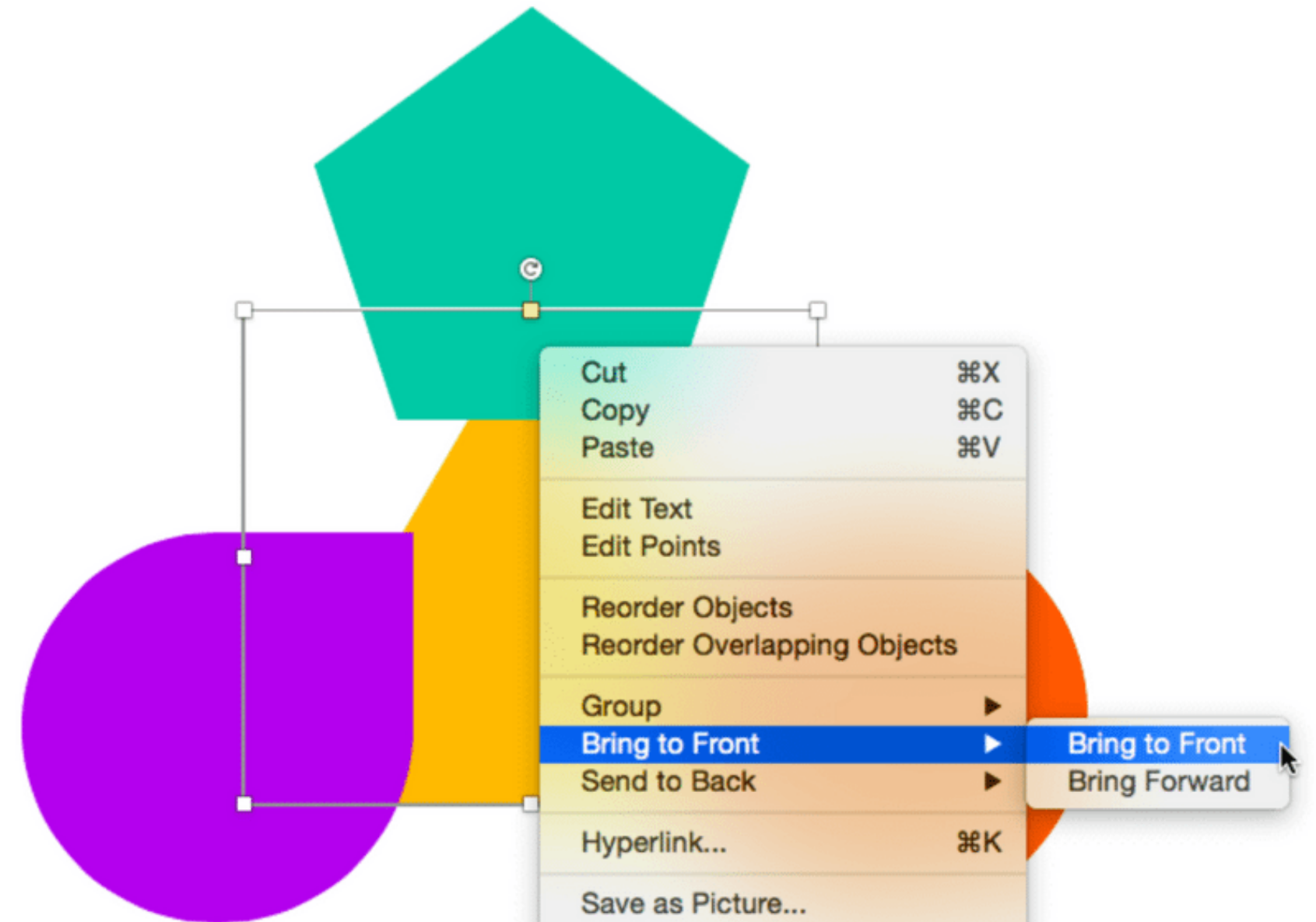
3D plane

x-axis
y-axis
z-axis

```css
.box {
  height: 500px;
  width: 500px;
}

.red {
  background-color: red;
}

.blue {
  background-color: blue;
  position: absolute;
  top: 300px;
  left: 50px;
}
```
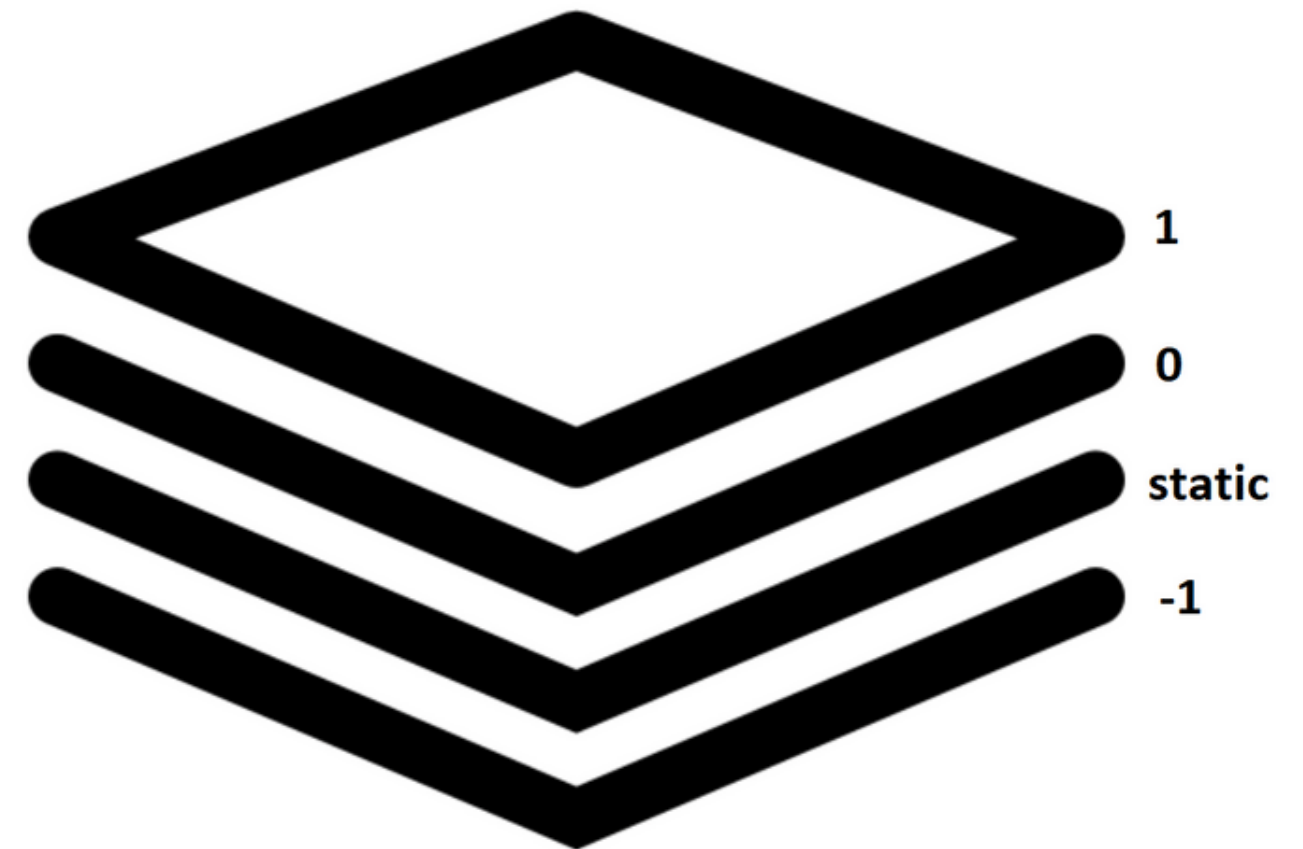
What is it?

Z-index is a CSS property which allows you to adjust the layering of a positioned element relative to other positioned elements

Why?

If you want to create a custom stacking order different to default rendering behaviour

Example Time