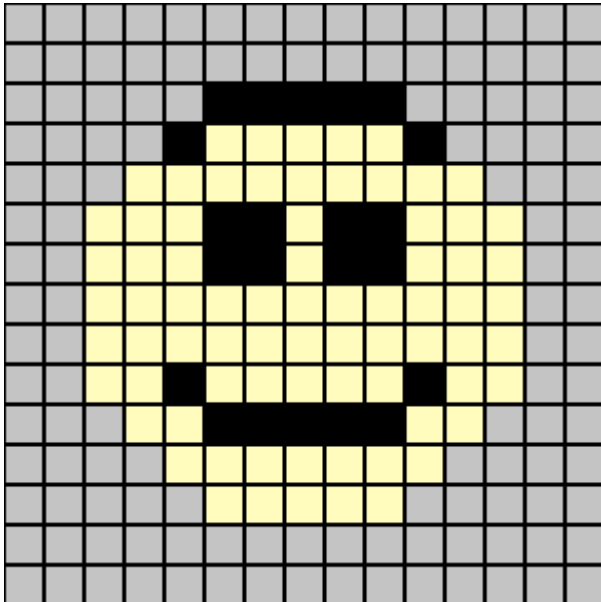


ASCII Video

Created: 2022-02-23 19:13

This is a project I'll be learning alongside a youtube video.



- All pixels in an image have RGB values.
- The average of the RGB values in the pixels → brightness value

So this means out of Ñ@#W\$9876543210?!abc;:+=-.,_

- If bright we use Ñ
- If dark we use _

```
// We will use this loop to identify the pixel color values (R,G,B)

for (let x = 0; x < spongebob.width; x++) {
  for (let y = 0; y < spongebob.height; y++) {
    let pixelIndex = (x + y * spongebob.width) * 4;
    let r = spongebob.pixels(pixelIndex + 0);
    let g = spongebob.pixels(pixelIndex + 1);
    let b = spongebob.pixels(pixelIndex + 2);
  }
}
```

So in a 5×5 pixel grid array, we have 25 pixels. This means that each pixel has 4 corresponding color values, R,G,B,A. I won't be paying attention to the alpha value for now.

0	1	2	3	4	5
---	---	---	---	---	---

0	1	2	3	4	5
1	0	1	2	3	4
2	5	6	7	8	9
3	10	11	12	13	14
4	15	16	17	18	19
5	20	21	22	23	24

References

1. <https://youtu.be/55iwMYv8tGI>