

Converting Colors

XYZ(53.3755, 80.0289, 38.5528)

Have a look what the booklet for
XYZ(53.3755, 80.0289, 38.5528)
contains.

XYZ(53.4804, 80.0825, 38.6254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4804, 80.0825,
38.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	97FF8F
RGB	151, 255, 143
RGB Percent	59%, 100%, 56%
CMY	0.4078, 0.0000, 0.4392
CMYK	0.41, 0.00, 0.44, 0.00
HSL	116°, 100%, 78%
HSV	116°, 44%, 100%
XYZ	53.4804, 80.0825, 38.6254
YIQ	211.1360, -26.0320, -56.8800

Conversions

Conversions Part 2

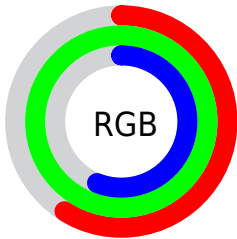
Format	Color
RYB	143, 255, 247
Decimal	9961359
CIELab	91.72, -51.54, 44.15
CIELCh	92, 67.859, 139.415
Yxy	80.0825, 0.3106, 0.4651
Android (android.graphics.Color)	4288151439 (0xFF97FF8F)
YUV	211.1360, -33.5910, -52.7393
Hunter-Lab	89.4888, -49.9301, 37.0513

Details

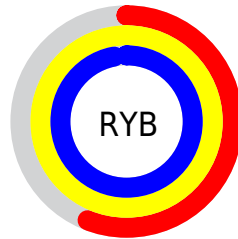
The XYZ color **53.4804, 80.0825, 38.6254** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.2316, 46.6405, 100.1195**, and the grayscale version is **62.2339, 65.4749, 71.3022**.

A 20% lighter version of the original color is **72.2475, 89.1525, 66.8264**, and **26.5537, 43.4535, 16.6607** is the 20% darker color. If you saturate the color by 10%, you get **47.8009, 77.3530, 29.3964**, and if you desaturate by 10%, it is **60.4822, 83.4429, 50.2104**.

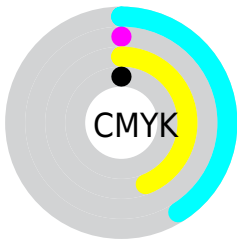
Distribution



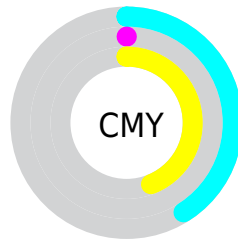
- Red (59%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4804, 80.0825, 38.6254 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.4804, 80.0825, 38.6254 by changing the saturation by 10% instead.


 53.4804, 80.0825,
38.6254


 53.4804, 80.0825,
38.6254


390.3563,
495.2108, 355.6735

 38.4154, 59.7862,
26.1628


 94.4723, 133.4817,
74.2797

 26.4839, 43.2464,
16.7187


 121.1299,
167.3535, 98.3086

 17.3206, 30.0785,
9.8743


152.3824,
206.5192, 127.0300

 10.5601, 19.8982,
5.2112

188.5952,
251.3632, 160.8624

 5.8369, 12.3210,
2.3108

230.1336,
302.2700, 200.2244

 2.7859, 6.9627,
0.7373

277.3630,

 1.0416, 3.4388,

359.6240, 245.5346

0.0000

330.6488,
423.8094, 297.2114

0.0000, 1.3649,
0.0000

0.0000, 0.1906,
0.0000

53.4804, 80.0825,
38.6254

53.4804, 80.0825,
38.6254

47.8009, 77.3530,
29.3964

60.4822, 83.4429,
50.2104

43.3594, 75.2145,
22.3585

68.8814, 87.4698,
64.2937

40.0634, 73.6232,
17.3315

78.7484, 92.1966,
81.0109

37.8071, 72.5291,
14.1050

90.1488, 97.6545,
100.4866

■ 36.4645, 71.8728, 95.0500, 100.0000,
12.4219 108.9000

■ 36.0134, 71.6506,
11.9319

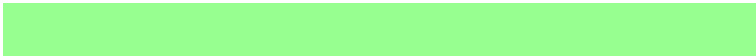
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.5529, 80.0825, 24.5487



53.4804, 80.0825, 38.6254



47.7983, 80.0825, 70.7912

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.4804, 80.0825, 38.6254



70.1487, 80.0825, 218.9288



112.1287, 80.0825, 59.1282

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.4804, 80.0825, 38.6254



66.2316, 46.6405, 100.1195

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.8592, 80.0825, 105.9580



53.4804, 80.0825, 38.6254



87.7570, 80.0825, 211.9685

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.4804, 80.0825, 38.6254



56.4035, 80.0825, 181.7847



104.3777, 80.0825, 165.3276



99.9572, 80.0825, 32.8891

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4804, 80.0825, 38.6254



47.7116, 80.0825, 103.7840



104.3777, 80.0825, 165.3276



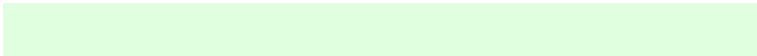
114.0141, 80.0825, 72.4773

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.4808, 80.0826, 38.6266



79.7325, 92.6679, 82.6862



79.0527, 88.9524, 38.9909



16.5655, 19.5950, 16.8466



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

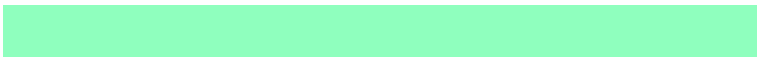
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4808, 80.0826, 38.6266



48.2706, 77.5789, 30.1517



56.3463, 81.0632, 61.2025



17.8917, 20.2301, 19.1061



18.8612, 37.4614, 6.2367



1.8763, 3.6680, 0.6091

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.2316, 46.6405, 100.1195



62.5266, 40.0923, 99.0508



62.4893, 45.4764, 65.3749



18.6571, 18.2305, 22.7854



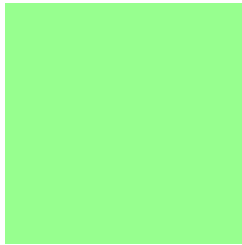
27.6985, 13.1896, 50.5206



2.7337, 1.3032, 4.9207

Previews

White Background



This preview shows how the XYZ color 53.4804, 80.0825, 38.6254 looks on a white background.

Color Contrast Check

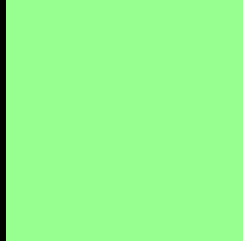
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.4804, 80.0825, 38.6254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

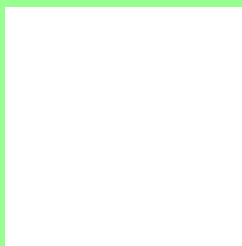
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4804, 80.0825, 38.6254

Background



This preview shows how black text looks on a background with the XYZ color 53.4804, 80.0825, 38.6254.

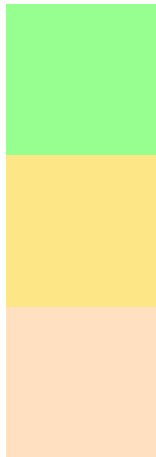


This preview shows how white text looks on a background with the XYZ color 53.4804, 80.0825,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.4804, 80.0825, 38.6254

Protanopia

72.7448, 79.0103, 33.9707

Deuteranopia

77.9028, 79.0055, 62.1826



Tritanopia

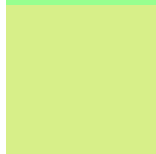
69.4100, 79.5178, 106.2979

Trichromacy



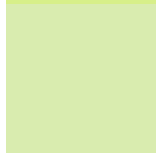
Original Color

53.4804, 80.0825, 38.6254



Protanomaly

63.4062, 77.9862, 35.3779



Deuteranomaly

66.3486, 77.8378, 52.0847



Tritanomaly

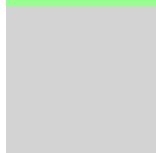
62.2456, 79.1585, 75.6168

Monochromacy



Original Color

53.4804, 80.0825, 38.6254



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

57.3183, 69.3022, 56.8100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4804, 80.0825, 38.6254 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 143) }
```

Border

The CSS property to change the border of an element to XYZ 53.4804, 80.0825, 38.6254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 255, 143) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 255, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(151, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 255, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 255, 143); box-shadow:4px 4px 4px 4px rgb(151, 255, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4804, 80.0825, 38.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
255, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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