

Converting Colors

XYZ(54.7401, 80.1404, 65.4069)

Have a look what the booklet for
XYZ(54.7401, 80.1404, 65.4069)
contains.

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Color

**XYZ(54.7401, 80.1404,
65.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	80FFC5
RGB	128, 255, 197
RGB Percent	50%, 100%, 77%
CMY	0.4980, 0.0000, 0.2274
CMYK	0.50, 0.00, 0.23, 0.00
HSL	153°, 100%, 75%
HSV	153°, 50%, 100%
XYZ	54.7401, 80.1404, 65.4069
YIQ	210.4150, -57.0740, -44.9620

Conversions

Conversions Part 2

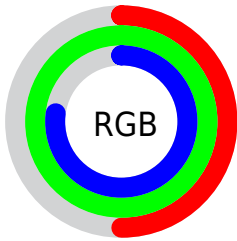
Format	Color
RYB	128, 210, 255
Decimal	8454085
CIELab	91.75, -48.43, 17.02
CIELCh	92, 51.335, 160.638
Yxy	80.1404, 0.2733, 0.4001
Android (android.graphics.Color)	4286644165 (0xFF80FFC5)
YUV	210.4150, -6.6136, -72.2780
Hunter-Lab	89.5212, -47.5135, 19.3457

Details

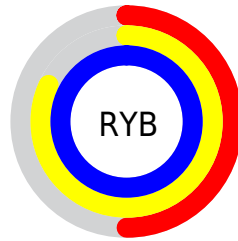
The XYZ color **54.7401, 80.1404, 65.4069** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.8225, 40.2443, 51.1750**, and the grayscale version is **61.6003, 64.8083, 70.5763**.

A 20% lighter version of the original color is **74.1429, 89.2406, 107.0833**, and **27.1709, 43.0739, 32.8686** is the 20% darker color. If you saturate the color by 10%, you get **50.0913, 77.8921, 58.4913**, and if you desaturate by 10%, it is **60.4570, 82.9274, 72.9133**.

Distribution



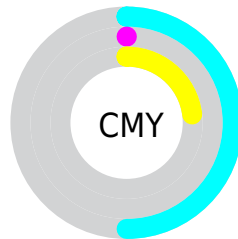
- Red (50%)
- Green (100%)
- Blue (77%)



- Red (50%)
- Yellow (82%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (50%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7401, 80.1404, 65.4069 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 54.7401, 80.1404, 65.4069 by changing the saturation by 10% instead.


 54.7401, 80.1404,
65.4069


 54.7401, 80.1404,
65.4069


395.0784,
495.4059, 462.5989


 39.4267, 59.8339,
47.3377


 96.3106, 133.5631,
114.2535

 27.2740, 43.2848,
32.9464


 123.2984,
167.4481, 145.8680

 17.9168, 30.1086,
21.8146


 154.9084,
206.6280, 182.8346

 10.9896, 19.9210,
13.5237

191.5059,
251.4873, 225.5719

 6.1271, 12.3377,
7.6552

233.4563,
302.4104, 274.4985

 2.9639, 6.9741,
3.7905

281.1250,

 1.1347, 3.4459,

359.7815, 330.0328

1.5112

334.8772,
423.9852, 392.5934

■ 0.0539, 1.3687,
0.2262

■ 0.0000, 0.1935,
0.0000

■ 54.7401, 80.1404,
65.4069

■ 54.7401, 80.1404,
65.4069

■ 50.0913, 77.8921,
58.4913

■ 60.4570, 82.9274,
72.9133

■ 46.4327, 76.1426,
52.1467

■ 67.3082, 86.2869,
81.0214

■ 43.6782, 74.8479,
46.3581

■ 75.3567, 90.2512,
89.7468

■ 41.7250, 73.9552,
41.1076

■ 84.6601, 94.8499,
99.1031

■ 40.4101, 73.3808, 95.0500, 100.0000,
36.3740 108.9000

■ 40.3870, 73.3708,
36.2856

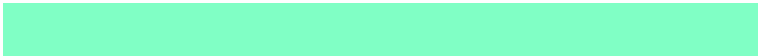
Harmonies

Analogous

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



60.8768, 80.1404, 43.0728



54.7401, 80.1404, 65.4069



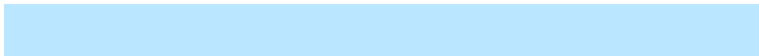
53.9461, 80.1404, 101.3057

Triad

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



54.7401, 80.1404, 65.4069



80.9295, 80.1404, 179.4089



96.9905, 80.1404, 48.1176

Complementary

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



54.7401, 80.1404, 65.4069



57.8225, 40.2443, 51.1750

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.



103.7893, 80.1404, 74.5752



54.7401, 80.1404, 65.4069



93.8336, 80.1404, 154.4666

Square

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



54.7401, 80.1404, 65.4069



68.1002, 80.1404, 174.8433



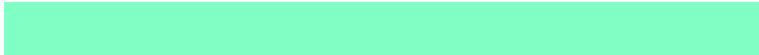
102.5719, 80.1404, 113.5059



84.8556, 80.1404, 35.2590

Rectangle

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



54.7401, 80.1404, 65.4069



56.4402, 80.1404, 129.5580



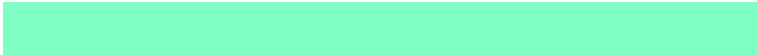
102.5719, 80.1404, 113.5059



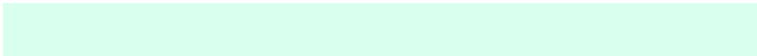
100.0355, 80.1404, 55.3429

Sweetspot

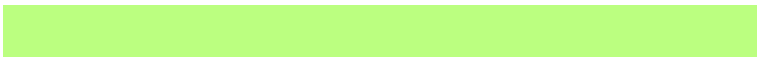
The Sweet Spot groups the original color and five complimentary colors.



54.7408, 80.1407, 65.4082



79.6649, 92.3790, 94.1609



60.2157, 83.6772, 33.4007



16.6391, 19.5691, 19.7357



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

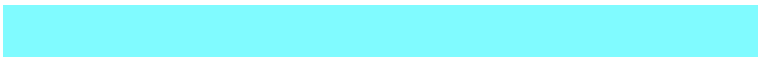
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7408, 80.1407, 65.4082



50.0099, 77.8529, 58.3607



61.3769, 80.6581, 106.9414



18.1844, 20.3333, 21.2740



21.1794, 38.3684, 19.3620



2.1173, 3.7579, 2.1757

Inverse Universe

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



57.8225, 40.2443, 51.1750



53.4256, 33.7364, 42.6617



53.4198, 39.3852, 25.2096



18.3544, 18.1251, 20.4832



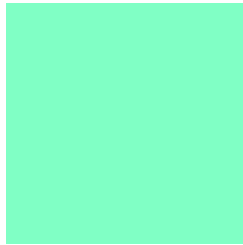
23.2831, 11.8025, 10.1410



2.3213, 1.1709, 1.2734

Previews

White Background



This preview shows how the XYZ color 54.7401, 80.1404, 65.4069 looks on a white background.

Color Contrast Check

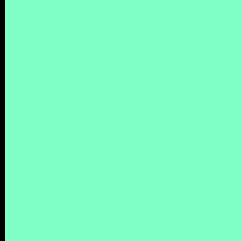
Large Text (above 18pt) WCAG AA × Fail

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 54.7401, 80.1404, 65.4069 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

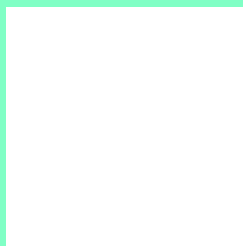
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7401, 80.1404, 65.4069

Background



This preview shows how black text looks on a background with the XYZ color 54.7401, 80.1404, 65.4069.



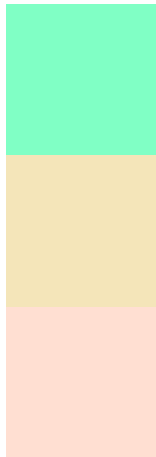
This preview shows how white text looks on a background with the XYZ color 54.7401, 80.1404,

65.4069.

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

54.7401, 80.1404, 65.4069

Protanopia

74.0845, 78.7745, 57.1993

Deuteranopia

79.2605, 78.6885, 71.9837



Tritanopia

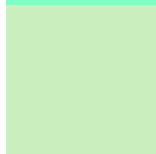
67.8654, 79.5956, 106.3943

Trichromacy



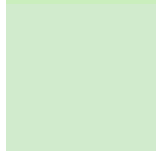
Original Color

54.7401, 80.1404, 65.4069



Protanomaly

64.1170, 77.3798, 59.7006



Deuteranomaly

67.0223, 77.3797, 69.1609



Tritanomaly

62.3043, 79.3256, 89.8695

Monochromacy



Original Color

54.7401, 80.1404, 65.4069



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.0382, 68.5038, 67.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7401, 80.1404, 65.4069 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(128, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 197)  
}
```

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(128, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.7401, 80.1404, 65.4069 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(128, 255, 197) }
```


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

```
.border{ border-color:rgb(128, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7401, 80.1404, 65.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 197) }
```

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

```
.background{ background-color: rgb(128,  
255, 197) }
```

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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