

Converting Colors

XYZ(54.2764, 76.7938,
100.0984)

Have a look what the booklet for
XYZ(54.2764, 76.7938, 100.0984)
contains.

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Color

**XYZ(54.2824, 76.7921,
99.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	50FAF7
RGB	80, 250, 247
RGB Percent	31%, 98%, 97%
CMY	0.6862, 0.0196, 0.0314
CMYK	0.68, 0.00, 0.01, 0.02
HSL	179°, 94%, 65%
HSV	179°, 68%, 98%
XYZ	54.2824, 76.7921, 99.9571
YIQ	198.8280, -100.3570, -36.9730

Conversions

Conversions Part 2

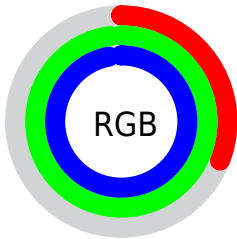
Format	Color
RYB	80, 166, 250
Decimal	5307127
CIELab	90.23, -43.03, -11.23
CIELCh	90, 44.475, 194.626
Yxy	76.7921, 0.2350, 0.3324
Android (android.graphics.Color)	4283497207 (0xFF50FAF7)
YUV	198.8280, 23.7488, -104.2122
Hunter-Lab	87.6311, -42.7840, -6.2878

Details

The XYZ color **54.2824, 76.7921, 99.9571** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **43.8569, 26.6883, 11.0260**, and the grayscale version is **54.0872, 56.9039, 61.9684**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **28.4739, 41.9015, 55.8773** is the 20% darker color. If you saturate the color by 10%, you get **52.4836, 75.8744, 99.5194**, and if you desaturate by 10%, it is **56.8708, 78.1203, 100.4361**.

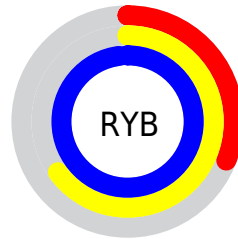
Distribution



Red (31%)

Green (98%)

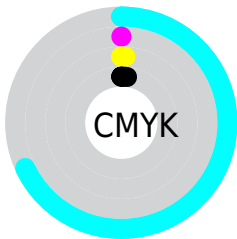
Blue (97%)



Red (31%)

Yellow (65%)

Blue (98%)

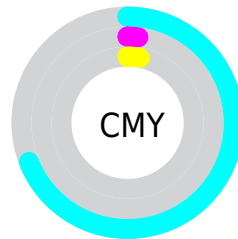


Cyan (68%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (69%)


Magenta (2%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2824, 76.7921, 99.9571 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 54.2824, 76.7921, 99.9571 by changing the saturation by 10% instead.


 54.2824, 76.7921,
99.9571


 54.2824, 76.7921,
99.9571

393.3668,
484.0549, 581.3006


 39.0590, 57.0823,
75.6480


 95.6432, 128.8460,
163.1496


 26.9866, 41.0713,
55.6390


 122.5114,
161.9588, 202.8701

 17.6997, 28.3748,
39.5115

 153.9919,
200.3080, 248.5648

 10.8330, 18.6084,
26.8470

 190.4501,
244.2782, 300.6523

 6.0211, 11.3876,
17.2269

232.2513,
294.2535, 359.5511

 2.8987, 6.3282,
10.2328

279.7610,

 1.1004, 3.0457,

350.6185, 425.6797

5.4459

333.3443,
413.7575, 499.4567

■ 0.0255, 1.1556,
2.4479

■ 0.0000, 0.0250,
0.8124

■ 54.2824, 76.7921,
99.9571

■ 54.2824, 76.7921,
99.9571

■ 52.4836, 75.8744,
99.5194

■ 56.8708, 78.1203,
100.4361

■ 51.3753, 75.3108,
99.1131

■ 60.3198, 79.8904,
100.9544


■ 50.8345, 75.0399,
98.7342


■ 64.7005, 82.1409,
101.5172


■ 50.7583, 75.0022,
98.6599


■ 70.0746, 84.9034,
102.1274

 76.4986, 88.2071,
102.7875

 84.0246, 92.0789,
103.5001

 92.6966, 96.5415,
104.2671

 92.7659, 96.5692,
104.6323

 92.8355, 96.5970,
104.9985

Harmonies

Analogous

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



54.3414, 76.7921, 68.4818



54.2824, 76.7921, 99.9571



58.8736, 76.7921, 134.1180

Triad

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



54.2824, 76.7921, 99.9571



88.9723, 76.7921, 134.8898



78.7738, 76.7921, 37.5591

Complementary

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



54.2824, 76.7921, 99.9571



43.8569, 26.6883, 11.0260

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.



89.1965, 76.7921, 47.7079



54.2824, 76.7921, 99.9571



95.4773, 76.7921, 100.8246

Square

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



54.2824, 76.7921, 99.9571



78.4920, 76.7921, 157.4859



95.5632, 76.7921, 69.1563



67.7486, 76.7921, 37.4385

Rectangle

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



54.2824, 76.7921, 99.9571



64.2484, 76.7921, 151.6090



95.5632, 76.7921, 69.1563



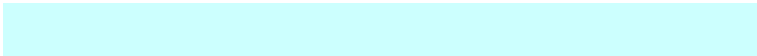
82.4875, 76.7921, 39.7692

Sweetspot

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



54.2847, 76.7950, 99.9589



78.5672, 91.5195, 107.3735



39.4432, 70.9160, 19.2007



16.4014, 19.3754, 22.9403



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.



54.2847, 76.7950, 99.9589



54.3433, 79.0830, 103.9214



35.0664, 37.6109, 95.8570



17.7518, 19.6030, 22.1596



26.9290, 39.7846, 52.3626



2.4982, 3.6864, 4.8714

Inverse Universe

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



43.8569, 26.6883, 11.0260



42.7801, 23.4330, 5.2400



53.3309, 45.8176, 13.6243



17.2571, 17.2302, 17.9434



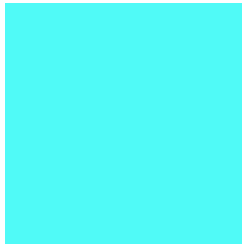
20.9302, 10.7878, 1.0748



1.9427, 1.0008, 0.1218

Previews

White Background



This preview shows how the XYZ color 54.2824, 76.7921, 99.9571 looks on a white background.

Color Contrast Check

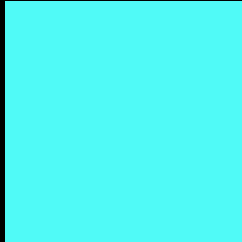
Large Text (above 18pt) WCAG AA × Fail

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 54.2824, 76.7921, 99.9571 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 54.2824, 76.7921, 99.9571

Background



This preview shows how black text looks on a background with the XYZ color 54.2824, 76.7921, 99.9571.

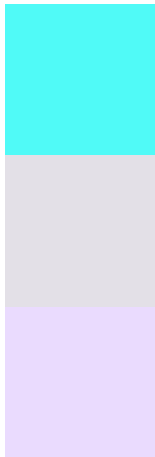


This preview shows how white text looks on a background with the XYZ color 54.2824, 76.7921,

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

54.2824, 76.7921, 99.9571

Protanopia

72.7580, 75.4117, 86.3225

Deuteranopia

77.1526, 75.3112, 104.2361



Tritanopia

61.6045, 75.9297, 106.0167

Trichromacy



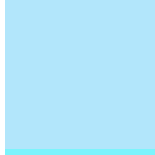
Original Color

54.2824, 76.7921, 99.9571



Protanomaly

61.8805, 73.3909, 91.0252



Deuteranomaly

64.0695, 73.0236, 101.9849



Tritanomaly

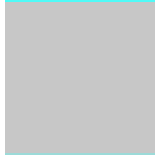
58.2336, 76.0147, 103.6985

Monochromacy



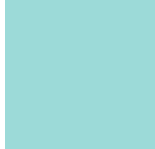
Original Color

54.2824, 76.7921, 99.9571



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.1764, 62.1686, 74.2682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2824, 76.7921, 99.9571 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(80, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(80, 250, 247)  
}
```

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(80, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.2824, 76.7921, 99.9571 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(80, 250, 247) }
```


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

```
.border{ border-color:rgb(80, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(80, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2824, 76.7921, 99.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 250, 247) }
```

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

```
.background{ background-color: rgb(80, 250,  
247) }
```

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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