

Converting Colors

XYZ(54.0782, 75.7537,
100.5719)

Have a look what the booklet for
XYZ(54.0782, 75.7537, 100.5719)
contains.

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Color

**XYZ(54.0780, 75.7511,
100.5782)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53F8F8 |
| RGB | 83, 248, 248 |
| RGB Percent | 33%, 97%, 97% |
| CMY | 0.6745, 0.0274, 0.0274 |
| CMYK | 0.67, 0.00, 0.00, 0.03 |
| HSL | 180°, 92%, 65% |
| HSV | 180°, 67%, 97% |
| XYZ | 54.0780, 75.7511, 100.5782 |
| YIQ | 198.6650, -98.3400, -34.9800 |

Conversions

Conversions Part 2

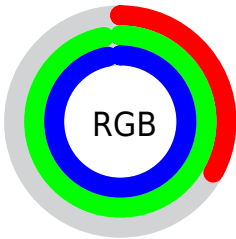
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 83, 166, 248 |
| Decimal | 5503224 |
| CIE Lab | 89.74, -41.48, -12.46 |
| CIE LCh | 90, 43.309, 196.725 |
| Yxy | 75.7511, 0.2347, 0.3288 |
| Android (android.graphics.Color) | 4283693304 (0xFF53F8F8) |
| YUV | 198.6650, 24.3222, -101.4382 |
| Hunter-Lab | 87.0351, -41.4031, -7.5912 |

Details

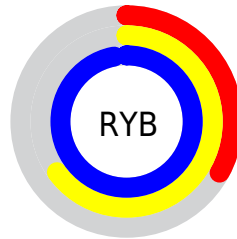
The XYZ color **54.0780, 75.7511, 100.5782** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **43.3686, 26.7700, 11.0675**, and the grayscale version is **53.9835, 56.7948, 61.8496**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **28.1452, 41.0674, 56.3126** is the 20% darker color. If you saturate the color by 10%, you get **52.2692, 74.8203, 100.4950**, and if you desaturate by 10%, it is **56.6735, 77.0908, 100.7016**.

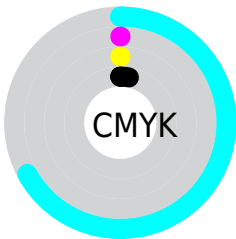
Distribution



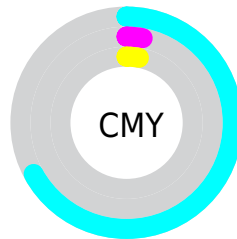
- Red (33%)
- Green (97%)
- Blue (97%)



- Red (33%)
- Yellow (65%)
- Blue (97%)



- Cyan (67%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (67%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0780, 75.7511, 100.5782 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 54.0780, 75.7511, 100.5782 by changing the saturation by 10% instead.


 54.0780, 75.7511,
100.5782


 54.0780, 75.7511,
100.5782


392.6009,
480.4952, 583.3074

 38.8949, 56.2284,
76.1639


 95.3450, 127.3750,
164.0103

 26.8584, 40.3861,
56.0595


 122.1596,
160.2450, 203.8653

 17.6029, 27.8397,
39.8463


 153.5822,
198.3330, 249.7042

 10.7632, 18.2049,
27.1059

 189.9780,
242.0233, 301.9456

 5.9740, 11.0972,
17.4196

231.7124,
291.7002, 361.0081

 2.8698, 6.1322,
10.3690

279.1508,

 1.0853, 2.9257,

347.7483, 427.3102

5.5355

332.6585,
410.5518, 501.2705

■ 0.0127, 1.0930,
2.5006

■ 0.0000, 0.0000,
0.8405

■ 54.0780, 75.7511,
100.5782

■ 54.0780, 75.7511,
100.5782

■ 52.2692, 74.8203,
100.4950

■ 56.6735, 77.0908,
100.7016

■ 51.1524, 74.2446,
100.4425


■ 60.1238, 78.8695,
100.8633


■ 50.6197, 73.9700,
100.4174


■ 64.4973, 81.1241,
101.0682


■ 50.5119, 73.9144,
100.4122


■ 69.8538, 83.8855,
101.3191

 76.2479, 87.1817,
101.6186

 83.7303, 91.0391,
101.9690

 91.7524, 95.1746,
102.3447

 91.7524, 95.1746,
102.3449

 91.7525, 95.1746,
102.3451

Harmonies

Analogous

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



53.8141, 75.7511, 69.7061



54.0780, 75.7511, 100.5782



58.8266, 75.7511, 133.1034

Triad

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



54.0780, 75.7511, 100.5782



87.9996, 75.7511, 129.6899



76.8154, 75.7511, 37.4792

Complementary

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



54.0780, 75.7511, 100.5782



43.3686, 26.7700, 11.0675

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.



87.0044, 75.7511, 46.6597



54.0780, 75.7511, 100.5782



93.8788, 75.7511, 96.7264

Square

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



54.0780, 75.7511, 100.5782



78.0685, 75.7511, 152.5494



93.4976, 75.7511, 66.6947



66.2528, 75.7511, 38.0233

Rectangle

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



54.0780, 75.7511, 100.5782



64.1900, 75.7511, 149.1148



93.4976, 75.7511, 66.6947



80.4172, 75.7511, 39.4104

Sweetspot

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



54.0803, 75.7540, 100.5800



78.7117, 91.5773, 108.1349



38.9460, 69.7288, 19.5921



16.4366, 19.3895, 23.1261



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.



54.0803, 75.7540, 100.5800



55.1749, 79.4437, 107.0319



34.5622, 36.7173, 94.0754



17.7659, 19.6086, 22.2337



27.2857, 39.9273, 54.2409



2.5271, 3.6980, 5.0237

Inverse Universe

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



43.3686, 26.7700, 11.0675



43.0214, 23.8667, 5.4715



53.3286, 46.6901, 14.3871



17.2447, 17.2252, 17.8783



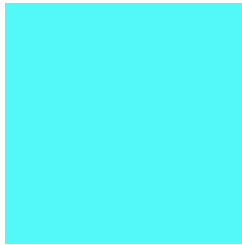
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 54.0780, 75.7511, 100.5782 looks on a white background.

Color Contrast Check

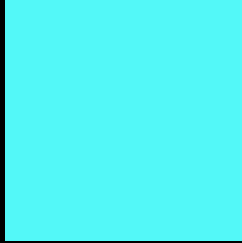
Large Text (above 18pt) WCAG AA × Fail

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 54.0780, 75.7511, 100.5782 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 54.0780, 75.7511, 100.5782

Background



This preview shows how black text looks on a background with the XYZ color 54.0780, 75.7511, 100.5782.

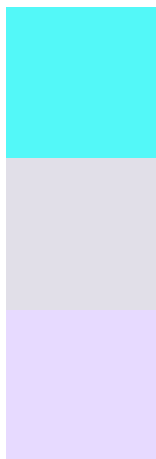


This preview shows how white text looks on a background with the XYZ color 54.0780, 75.7511,

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

54.0780, 75.7511, 100.5782

Protanopia

72.0045, 74.6091, 86.9499

Deuteranopia

76.0764, 74.3517, 104.9494



Tritanopia

60.5378, 75.3798, 105.9668

Trichromacy



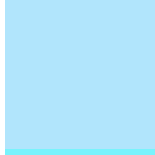
Original Color

54.0780, 75.7511, 100.5782



Protanomaly

61.5228, 72.7705, 91.6924



Deuteranomaly

63.7215, 72.4140, 102.7143



Tritanomaly

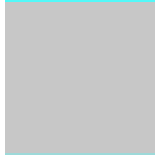
57.5064, 75.1944, 103.5785

Monochromacy



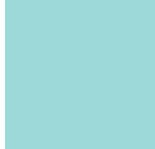
Original Color

54.0780, 75.7511, 100.5782



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.2419, 61.8036, 74.8742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0780, 75.7511, 100.5782 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(83, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(83, 248, 248)  
}
```

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(83, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 248, 248) }
```

Border

The CSS property to change the border of an element to XYZ 54.0780, 75.7511, 100.5782 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(83, 248, 248) }
```


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

```
.border{ border-color:rgb(83, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(83, 248,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0780, 75.7511, 100.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 248, 248) }
```

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

```
.background{ background-color: rgb(83, 248,  
248) }
```

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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