

Converting Colors

XYZ(54.7750, 78.2511, 97.2688)

Have a look what the booklet for
XYZ(54.7750, 78.2511, 97.2688)
contains.

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Color

**XYZ(54.5553, 77.9309,
96.9608)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53FCF3 |
| RGB | 83, 252, 243 |
| RGB Percent | 33%, 99%, 95% |
| CMY | 0.6745, 0.0117, 0.0471 |
| CMYK | 0.67, 0.00, 0.04, 0.01 |
| HSL | 177°, 97%, 66% |
| HSV | 177°, 67%, 99% |
| XYZ | 54.5553, 77.9309, 96.9608 |
| YIQ | 200.4430, -97.8350, -38.6270 |

Conversions

Conversions Part 2

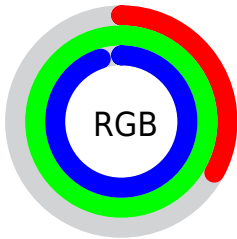
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 83, 170, 252 |
| Decimal | 5504243 |
| CIELab | 90.75, -44.59, -8.37 |
| CIELCh | 91, 45.370, 190.628 |
| Yxy | 77.9309, 0.2378, 0.3396 |
| Android (android.graphics.Color) | 4283694323 (0xFF53FCF3) |
| YUV | 200.4430, 20.9806, -102.9975 |
| Hunter-Lab | 88.2785, -44.1760, -3.3263 |

Details

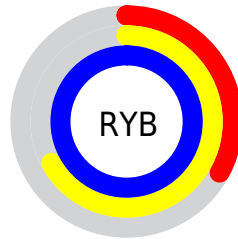
The XYZ color **54.5553, 77.9309, 96.9608** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **45.1725, 27.6569, 13.0851**, and the grayscale version is **55.0932, 57.9623, 63.1210**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **28.4847, 42.6181, 53.7385** is the 20% darker color. If you saturate the color by 10%, you get **52.5213, 76.9075, 95.8129**, and if you desaturate by 10%, it is **57.4029, 79.3772, 98.1580**.

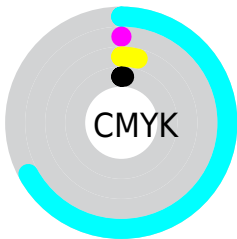
Distribution



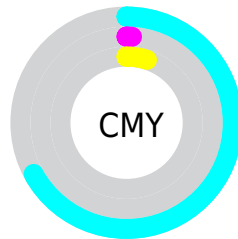
- Red (33%)
- Green (99%)
- Blue (95%)



- Red (33%)
- Yellow (67%)
- Blue (99%)



- Cyan (67%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (67%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5553, 77.9309, 96.9608 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 54.5553, 77.9309, 96.9608 by changing the saturation by 10% instead.


 54.5553, 77.9309,
96.9608


 54.5553, 77.9309,
96.9608


394.3879,
487.9321, 571.5673


 39.2782, 58.0172,
73.1621


 96.0412, 130.4527,
158.9896


 27.1579, 41.8225,
53.6159


 122.9808,
163.8296, 198.0568

 17.8291, 28.9623,
37.9036

 154.5385,
202.4631, 243.0505

 10.9263, 19.0523,
25.6066

 191.0799,
246.7374, 294.3895

 6.0842, 11.7081,
16.3065

232.9701,
297.0371, 352.4921

 2.9375, 6.5452,
9.5846

280.5746,

 1.1208, 3.1794,

353.7466, 417.7769

5.0224

334.2588,
417.2501, 490.6624

0.0424, 1.2261,
2.2015

0.0000, 0.0828,
0.6752

54.5553, 77.9309,
96.9608

54.5553, 77.9309,
96.9608

52.5213, 76.9075,
95.8129

57.4029, 79.3772,
98.1580

51.2017, 76.2503,
94.7043


61.1357, 81.2778,
99.4027


50.4806, 75.9016,
93.6315


65.8254, 83.6716,
100.7000


50.3296, 75.8305,
93.3205


71.5343, 86.5906,
102.0527

 78.3196, 90.0643,
103.4636

 86.2341, 94.1200,
104.9352

 93.6856, 97.9369,
106.3929

 93.8996, 98.0225,
107.5198

 94.1017, 98.1033,
108.5839

Harmonies

Analogous

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



55.2635, 77.9309, 65.6940



54.5553, 77.9309, 96.9608



58.6548, 77.9309, 132.6235

Triad

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



54.5553, 77.9309, 96.9608



89.2739, 77.9309, 141.9456



81.5793, 77.9309, 38.3542

Complementary

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



54.5553, 77.9309, 96.9608



45.1725, 27.6569, 13.0851

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.



91.9761, 77.9309, 50.2008



54.5553, 77.9309, 96.9608



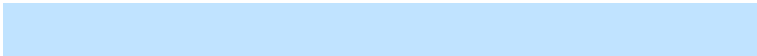
96.7241, 77.9309, 107.4170

Square

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



54.5553, 77.9309, 96.9608



78.1859, 77.9309, 162.6787



97.7608, 77.9309, 73.7985



70.1030, 77.9309, 36.9141

Rectangle

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



54.5553, 77.9309, 96.9608



63.8353, 77.9309, 152.1276



97.7608, 77.9309, 73.7985



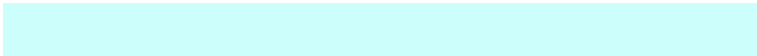
85.3462, 77.9309, 41.0746

Sweetspot

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



54.5576, 77.9339, 96.9627



78.2775, 91.4036, 105.8480



41.0177, 72.6422, 20.0448



16.3307, 19.3471, 22.5683



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.



54.5576, 77.9339, 96.9627



53.4746, 78.7636, 98.0784



37.2139, 41.0170, 98.0545



17.7235, 19.5917, 22.0107



26.2343, 39.5067, 48.7043



2.4416, 3.6638, 4.5735

Inverse Universe

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



45.1725, 27.6569, 13.0851



43.2897, 23.9740, 6.8841



53.6368, 45.1784, 14.0787



17.2821, 17.2402, 18.0752



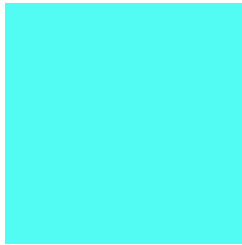
20.9670, 10.8025, 1.2687



1.9547, 1.0056, 0.1847

Previews

White Background



This preview shows how the XYZ color 54.5553, 77.9309, 96.9608 looks on a white background.

Color Contrast Check

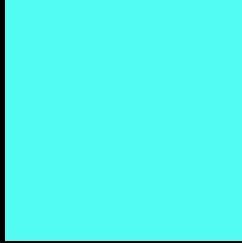
Large Text (above 18pt) WCAG AA × Fail

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 54.5553, 77.9309, 96.9608 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

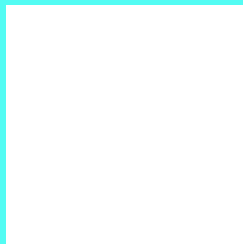
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5553, 77.9309, 96.9608

Background



This preview shows how black text looks on a background with the XYZ color 54.5553, 77.9309, 96.9608.

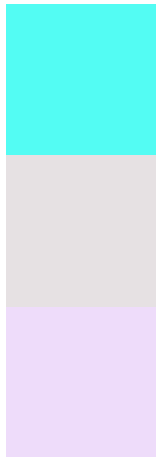


This preview shows how white text looks on a background with the XYZ color 54.5553, 77.9309,

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

54.5553, 77.9309, 96.9608

Protanopia

73.4235, 76.2195, 83.5150

Deuteranopia

78.1084, 76.2657, 101.0465



Tritanopia

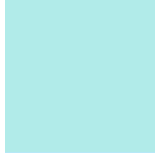
63.2156, 77.1985, 106.1767

Trichromacy



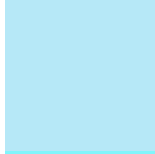
Original Color

54.5553, 77.9309, 96.9608



Protanomaly

62.5478, 74.6470, 88.2025



Deuteranomaly

64.9365, 74.3737, 98.9287



Tritanomaly

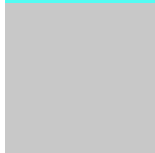
59.1183, 76.9370, 103.0012

Monochromacy



Original Color

54.5553, 77.9309, 96.9608



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

51.6308, 62.7890, 74.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5553, 77.9309, 96.9608 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, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(83, 252, 243)  
}
```

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, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 252, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.5553, 77.9309, 96.9608 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, 252, 243) }
```


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

```
.border{ border-color:rgb(83, 252, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 252, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 252, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 252, 243);  
box-shadow:4px 4px 4px 4px rgb(83, 252,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5553, 77.9309, 96.9608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 252, 243) }
```

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

```
.background{ background-color: rgb(83, 252,  
243) }
```

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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