

Converting Colors

XYZ(54.1353, 76.7175,
100.0405)

Have a look what the booklet for
XYZ(54.1353, 76.7175, 100.0405)
contains.

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Color

**XYZ(54.1160, 76.7063,
99.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	4EFAF7
RGB	78, 250, 247
RGB Percent	31%, 98%, 97%
CMY	0.6941, 0.0196, 0.0314
CMYK	0.69, 0.00, 0.01, 0.02
HSL	179°, 95%, 64%
HSV	179°, 69%, 98%
XYZ	54.1160, 76.7063, 99.9493
YIQ	198.2300, -101.5490, -37.3970

Conversions

Conversions Part 2

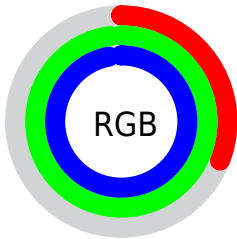
Format	Color
RYB	78, 165, 250
Decimal	5176055
CIELab	90.19, -43.29, -11.29
CIELCh	90, 44.736, 194.622
Yxy	76.7063, 0.2345, 0.3324
Android (android.graphics.Color)	4283366135 (0xFF4EFAF7)
YUV	198.2300, 24.0436, -105.4417
Hunter-Lab	87.5821, -42.9756, -6.3546

Details

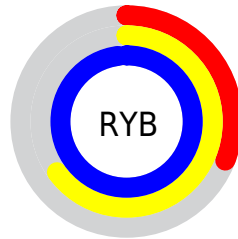
The XYZ color **54.1160, 76.7063, 99.9493** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.6365, 26.3693, 10.5770**, and the grayscale version is **53.7218, 56.5195, 61.5497**.

A 20% lighter version of the original color is **66.2044, 85.1296, 107.5500**, and **28.4739, 41.9015, 55.8773** is the 20% darker color. If you saturate the color by 10%, you get **52.3770, 75.8193, 99.5185**, and if you desaturate by 10%, it is **56.6378, 78.0002, 100.4210**.

Distribution



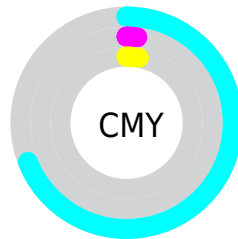
- Red (31%)
- Green (98%)
- Blue (97%)



- Red (31%)
- Yellow (65%)
- Blue (98%)



- Cyan (69%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)





- Cyan (69%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1160, 76.7063, 99.9493 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 54.1160, 76.7063, 99.9493 by changing the saturation by 10% instead.


 54.1160, 76.7063,
99.9493

 54.1160, 76.7063,
99.9493


392.7433,
483.7621, 581.2754


 38.9254, 57.0119,
75.6415


 95.4004, 128.7248,
163.1388


 26.8822, 41.0148,
55.6337


 122.2250,
161.8177, 202.8576

 17.6209, 28.3306,
39.5073


 153.6584,
200.1454, 248.5505

 10.7762, 18.5750,
26.8438

 190.0658,
244.0926, 300.6360

 5.9827, 11.3636,
17.2245

231.8126,
294.0434, 359.5328

 2.8751, 6.3120,
10.2310

279.2643,

 1.0881, 3.0357,

350.3823, 425.6592

5.4448

332.7860,
413.4937, 499.4339

0.0151, 1.1504,
2.4473

0.0000, 0.0206,
0.8120

54.1160, 76.7063,
99.9493

54.1160, 76.7063,
99.9493

52.3770, 75.8193,
99.5185

56.6378, 78.0002,
100.4210

51.3203, 75.2823,
99.1187


60.0144, 79.7331,
100.9318


50.8118, 75.0279,
98.7454


64.3174, 81.9436,
101.4868


50.7661, 75.0053,
98.7013


69.6091, 84.6637,
102.0889

 75.9463, 87.9228,
102.7407

 83.3815, 91.7479,
103.4448

 91.9638, 96.1643,
104.2033

 92.7595, 96.5666,
104.5983

 92.8282, 96.5941,
104.9601

Harmonies

Analogous

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



54.1758, 76.7063, 68.3137



54.1160, 76.7063, 99.9493



58.7251, 76.7063, 134.3308

Triad

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



54.1160, 76.7063, 99.9493



88.9783, 76.7063, 135.1158



78.7243, 76.7063, 37.3030

Complementary

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



54.1160, 76.7063, 99.9493



43.6365, 26.3693, 10.5770

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.



89.2061, 76.7063, 47.4729



54.1160, 76.7063, 99.9493



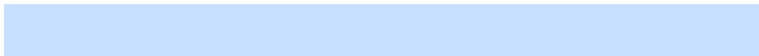
95.5234, 76.7063, 100.8307

Square

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



54.1160, 76.7063, 99.9493



78.4381, 76.7063, 157.8737



95.6108, 76.7063, 68.9978



67.6423, 76.7063, 37.1810

Rectangle

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



54.1160, 76.7063, 99.9493



64.1232, 76.7063, 151.9488



95.6108, 76.7063, 68.9978



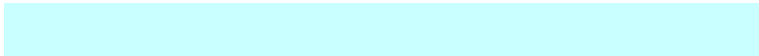
82.4585, 76.7063, 39.5167

Sweetspot

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



54.1183, 76.7092, 99.9511



77.8684, 91.1599, 107.3123



39.1956, 70.7968, 18.8091



16.2657, 19.3056, 22.9285



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.



54.1183, 76.7092, 99.9511



54.2319, 79.0255, 103.9149



34.7248, 37.1747, 95.7908



17.7520, 19.6031, 22.1605



26.9331, 39.7862, 52.3842



2.4985, 3.6865, 4.8731

Inverse Universe

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



43.6365, 26.3693, 10.5770



42.6306, 23.2189, 4.9288



53.0749, 45.4222, 13.1798



17.2569, 17.2301, 17.9427



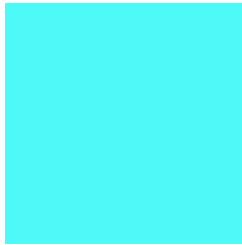
20.9300, 10.7877, 1.0737



1.9427, 1.0008, 0.1215

Previews

White Background



This preview shows how the XYZ color 54.1160, 76.7063, 99.9493 looks on a white background.

Color Contrast Check

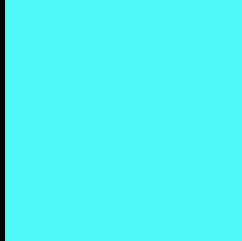
Large Text (above 18pt) WCAG AA × Fail

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 54.1160, 76.7063, 99.9493 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 54.1160, 76.7063, 99.9493

Background



This preview shows how black text looks on a background with the XYZ color 54.1160, 76.7063, 99.9493.



This preview shows how white text looks on a background with the XYZ color 54.1160, 76.7063,

Color Blindness Simulation

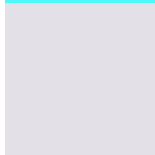
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



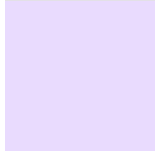
Original Color

54.1160, 76.7063, 99.9493



Protanopia

72.7580, 75.4117, 86.3225



Deuteranopia

76.8252, 75.1424, 104.2207



Tritanopia

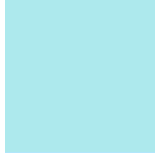
61.4228, 75.8361, 106.0082

Trichromacy



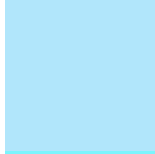
Original Color

54.1160, 76.7063, 99.9493



Protanomaly

61.6586, 73.2765, 91.0148



Deuteranomaly

63.8409, 72.9058, 101.9742



Tritanomaly

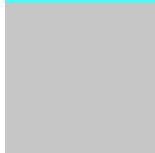
58.0897, 75.9406, 103.6918

Monochromacy



Original Color

54.1160, 76.7063, 99.9493



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.5340, 61.4536, 74.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1160, 76.7063, 99.9493 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(78, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(78, 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(78, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.1160, 76.7063, 99.9493 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(78, 250, 247) }
```


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

```
.border{ border-color:rgb(78, 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(78, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(78, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1160, 76.7063, 99.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 250, 247) }
```

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

```
.background{ background-color: rgb(78, 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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