

Converting Colors

XYZ(54.5279, 79.3761, 94.9848)

Have a look what the booklet for
XYZ(54.5279, 79.3761, 94.9848)
contains.

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Color

**XYZ(54.5487, 79.3891,
94.8867)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFFF0
RGB	77, 255, 240
RGB Percent	30%, 100%, 94%
CMY	0.6980, 0.0000, 0.0588
CMYK	0.70, 0.00, 0.06, 0.00
HSL	175°, 100%, 65%
HSV	175°, 70%, 100%
XYZ	54.5487, 79.3891, 94.8867
YIQ	200.0680, -101.2730, -42.4010

Conversions

Conversions Part 2

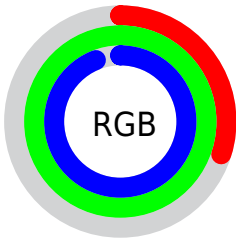
Format	Color
RYB	77, 170, 255
Decimal	5111792
CIELab	91.41, -47.46, -5.84
CIELCh	91, 47.819, 187.021
Yxy	79.3891, 0.2384, 0.3469
Android (android.graphics.Color)	4283301872 (0xFF4DFFF0)
YUV	200.0680, 19.6865, -107.9306
Hunter-Lab	89.1006, -46.6456, -0.7699

Details

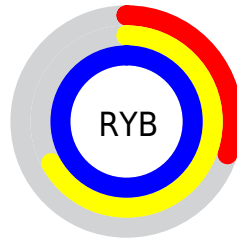
The XYZ color **54.5487, 79.3891, 94.8867** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.8266, 27.3418, 12.9890**, and the grayscale version is **54.8700, 57.7275, 62.8653**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **28.6180, 43.3932, 52.2148** is the 20% darker color. If you saturate the color by 10%, you get **52.5621, 78.4015, 93.1385**, and if you desaturate by 10%, it is **57.3470, 80.7945, 96.6954**.

Distribution



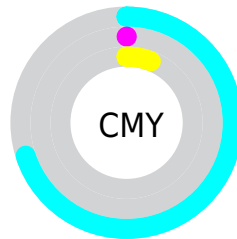
- Red (30%)
- Green (100%)
- Blue (94%)



- Red (30%)
- Yellow (67%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (70%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5487, 79.3891, 94.8867 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 54.5487, 79.3891, 94.8867 by changing the saturation by 10% instead.


 54.5487, 79.3891,
94.8867


 54.5487, 79.3891,
94.8867


394.3632,
492.8717, 564.7773


 39.2729, 59.2158,
71.4443


 96.0316, 132.5065,
156.1023


 27.1538, 42.7868,
52.2208


 122.9694,
166.2194, 194.7126

 17.8259, 29.7179,
36.7977


 154.5253,
205.2142, 239.2159

 10.9240, 19.6246,
24.7563

 191.0646,
249.8754, 290.0309

 6.0827, 12.1224,
15.6782

232.9527,
300.5873, 347.5759

 2.9366, 6.8271,
9.1449

280.5550,

 1.1203, 3.3542,

357.7344, 412.2696

4.7377

334.2367,
421.7011, 484.5306

■ 0.0420, 1.3193,
2.0382

■ 0.0000, 0.1561,
0.5786

■ 54.5487, 79.3891,
94.8867

■ 54.5487, 79.3891,
94.8867

■ 52.5621, 78.4015,
93.1385

■ 57.3470, 80.7945,
96.6954

■ 51.2836, 77.7787,
91.4418

■ 61.0380, 82.6597,
98.5643

■ 50.5539, 77.4383,
89.7903

■ 65.6965, 85.0233,
100.4983

■ 50.5414, 77.4325,
89.7576

■ 71.3885, 87.9192,
102.5006

■ 78.1740, 91.3784,
104.5741

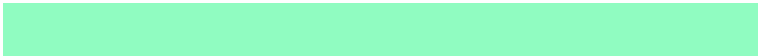
■ 86.1087, 95.4296,
106.7215

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



55.9132, 79.3891, 62.8460



54.5487, 79.3891, 94.8867



58.2861, 79.3891, 133.3523

Triad

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



54.5487, 79.3891, 94.8867



90.4284, 79.3891, 151.6848



84.9580, 79.3891, 38.2872

Complementary

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



54.5487, 79.3891, 94.8867



45.8266, 27.3418, 12.9890

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.



95.7067, 79.3891, 52.0669



54.5487, 79.3891, 94.8867



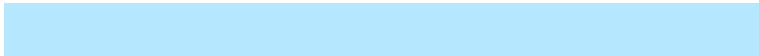
99.0945, 79.3891, 115.3071

Square

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



54.5487, 79.3891, 94.8867



78.3510, 79.3891, 171.3885



101.1230, 79.3891, 78.5124



72.6351, 79.3891, 35.5588

Rectangle

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



54.5487, 79.3891, 94.8867



63.4319, 79.3891, 155.6592



101.1230, 79.3891, 78.5124



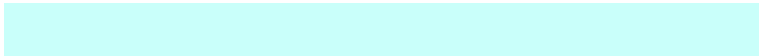
88.9132, 79.3891, 41.5581

Sweetspot

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



54.5497, 79.3895, 94.8882



77.3005, 90.9327, 104.3215



41.7993, 74.4786, 19.1956



16.1284, 19.2506, 22.2055



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.



54.5497, 79.3895, 94.8882



51.9454, 78.0989, 92.4198



38.2110, 42.9976, 100.8932



18.4849, 20.4535, 22.8566



26.4365, 40.4712, 47.0452



2.5927, 3.9480, 4.6790

Inverse Universe

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



45.8266, 27.3418, 12.9890



42.8116, 23.1463, 6.3285



53.2020, 43.0402, 12.5264



18.0715, 18.0119, 18.9937



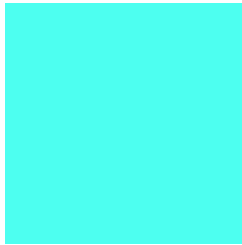
21.6432, 11.1466, 1.5055



2.1276, 1.0934, 0.2532

Previews

White Background



This preview shows how the XYZ color 54.5487, 79.3891, 94.8867 looks on a white background.

Color Contrast Check

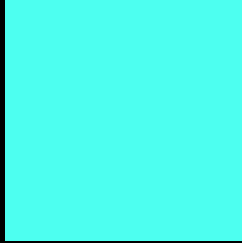
Large Text (above 18pt) WCAG AA × Fail

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 54.5487, 79.3891, 94.8867 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 54.5487, 79.3891, 94.8867

Background



This preview shows how black text looks on a background with the XYZ color 54.5487, 79.3891, 94.8867.



This preview shows how white text looks on a background with the XYZ color 54.5487, 79.3891,

Color Blindness Simulation

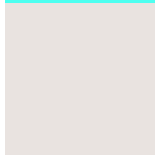
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



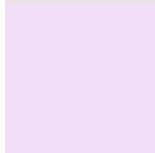
Original Color

54.5487, 79.3891, 94.8867



Protanopia

74.5279, 77.6436, 81.5797



Deuteranopia

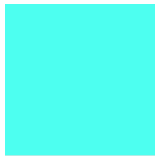
79.5277, 77.8352, 98.8278



Tritanopia

65.1120, 78.6168, 106.3505

Trichromacy



Original Color

54.5487, 79.3891, 94.8867



Protanomaly

62.4716, 75.5117, 86.1455



Deuteranomaly

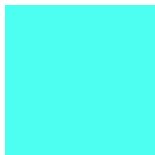
65.0434, 75.3224, 96.6985



Tritanomaly

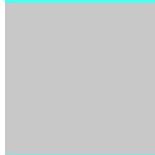
60.0318, 78.3292, 102.3975

Monochromacy



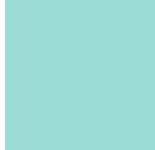
Original Color

54.5487, 79.3891, 94.8867



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

51.3765, 63.0613, 73.7542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5487, 79.3891, 94.8867 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(77, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 240)  
}
```

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(77, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.5487, 79.3891, 94.8867 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(77, 255, 240) }
```


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

```
.border{ border-color:rgb(77, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5487, 79.3891, 94.8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 240) }
```

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

```
.background{ background-color: rgb(77, 255,  
240) }
```

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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