

Converting Colors

XYZ(66.4653, 79.3942,
164.1192)

Have a look what the booklet for
XYZ(66.4653, 79.3942, 164.1192)
contains.

XYZ(55.4217, 74.9577, 106.1550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.4217, 74.9577,
106.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	5FF5FF
RGB	95, 245, 255
RGB Percent	37%, 96%, 100%
CMY	0.6274, 0.0392, 0.0000
CMYK	0.63, 0.04, 0.00, 0.00
HSL	184°, 100%, 69%
HSV	184°, 63%, 100%
XYZ	55.4217, 74.9577, 106.1550
YIQ	201.2900, -92.6100, -28.6900

Conversions

Conversions Part 2

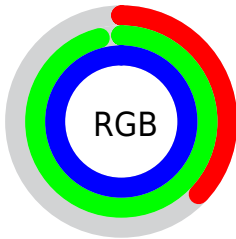
Format	Color
R _Y B	95, 172, 255
Decimal	6288895
CIE Lab	89.37, -36.48, -16.64
CIE LCh	89, 40.091, 204.519
Yxy	74.9577, 0.2343, 0.3169
Android (android.graphics.Color)	4284478975 (0xFF5FF5FF)
YUV	201.2900, 26.4790, -93.2163
Hunter-Lab	86.5781, -37.2476, -12.0919

Details

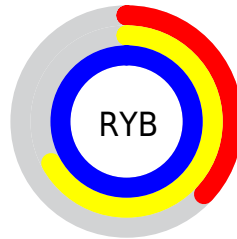
The XYZ color **55.4217, 74.9577, 106.1550** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **48.3580, 32.1905, 14.4932**, and the grayscale version is **55.5816, 58.4762, 63.6805**.

A 20% lighter version of the original color is **68.5079, 86.3171, 107.6579**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **52.7141, 72.8510, 105.8911**, and if you desaturate by 10%, it is **59.0041, 77.5248, 106.4617**.

Distribution



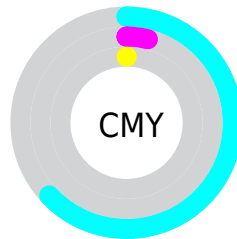
- Red (37%)
- Green (96%)
- Blue (100%)



- Red (37%)
- Yellow (67%)
- Blue (100%)



- Cyan (63%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4217, 74.9577, 106.1550 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 55.4217, 74.9577, 106.1550 by changing the saturation by 10% instead.

55.4217, 74.9577,
106.1550

55.4217, 74.9577,
106.1550

397.6189,
477.7722, 601.1655

39.9746, 55.5782,
80.8053

97.3033, 126.2525,
171.7155

27.7029, 39.8649,
59.8512

124.4685,
158.9366, 212.7634

18.2411, 27.4332,
42.8742

156.2704,
196.8244, 259.8811

11.2240, 17.8988,
29.4557

193.0745,
240.3002, 313.4871

6.2861, 10.8774,
19.1773

235.2460,
289.7485, 374.0001

3.0621, 5.9844,
11.6204

283.1503,

1.1867, 2.8356,

345.5537, 441.8384

6.3663

337.1529,
408.1001, 517.4207

■ 0.0958, 1.0465,
2.9967

■ 0.0000, 0.0000,
1.0930

■ 55.4217, 74.9577,
106.1550

■ 55.4217, 74.9577,
106.1550

■ 52.7141, 72.8510,
105.8911

■ 59.0041, 77.5248,
106.4617

■ 50.7868, 71.1512,
105.6645

■ 63.5315, 80.5836,
106.8135

■ 49.5351, 69.8057,
105.4708

■ 69.0739, 84.1719,
107.2140

■ 48.9363, 68.9926,
105.3454

■ 75.6932, 88.3214,
107.6660

■ 83.4460, 93.0616,
108.1724

■ 92.3852, 98.4196,
108.7354

■ 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.



54.0669, 74.9577, 76.5633



55.4217, 74.9577, 106.1550



60.8459, 74.9577, 133.9942

Triad

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



55.4217, 74.9577, 106.1550



87.7387, 74.9577, 117.1664



73.0623, 74.9577, 38.7812

Complementary

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



55.4217, 74.9577, 106.1550



48.3580, 32.1905, 14.4932

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.



82.7663, 74.9577, 45.0507



55.4217, 74.9577, 106.1550



91.7235, 74.9577, 86.8867

Square

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



55.4217, 74.9577, 106.1550



79.3647, 74.9577, 141.3057



89.8254, 74.9577, 61.1842



63.6990, 74.9577, 41.6664

Rectangle

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



55.4217, 74.9577, 106.1550



66.3270, 74.9577, 145.5461



89.8254, 74.9577, 61.1842



76.4004, 74.9577, 39.8339

Sweetspot

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



55.4237, 74.9604, 106.1554



78.4584, 90.0244, 107.8490



42.9288, 74.9328, 25.0350



16.3378, 18.9887, 23.0540



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.



55.4237, 74.9604, 106.1554



52.2139, 72.4331, 105.8368



36.5898, 37.2925, 99.8774



18.4520, 20.2755, 23.1910



25.6119, 36.1335, 55.0591



2.5220, 3.5747, 5.3703

Inverse Universe

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



61.8150, 36.0388, 90.0873



59.2446, 31.3728, 87.7672



60.2402, 55.9549, 18.4539



18.7408, 18.2796, 22.5180



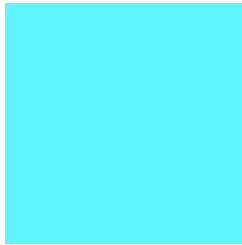
29.7159, 14.3757, 44.0160



2.9076, 1.4054, 4.3608

Previews

White Background



This preview shows how the XYZ color 55.4217, 74.9577, 106.1550 looks on a white background.

Color Contrast Check

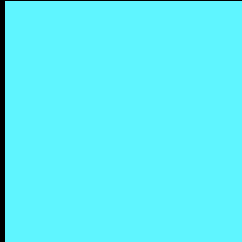
Large Text (above 18pt) WCAG AA × Fail

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 55.4217, 74.9577, 106.1550 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 55.4217, 74.9577, 106.1550

Background



This preview shows how black text looks on a background with the XYZ color 55.4217, 74.9577, 106.1550.

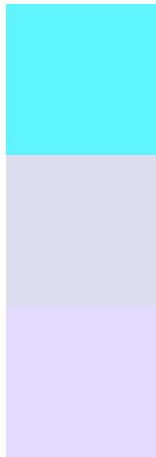


This preview shows how white text looks on a background with the XYZ color 55.4217, 74.9577,

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

55.4217, 74.9577, 106.1550

Protanopia

71.7088, 73.5338, 92.8521

Deuteranopia

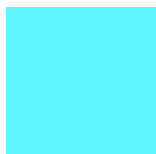
74.4854, 73.5316, 104.8749



Tritanopia

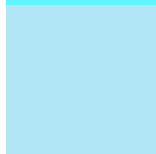
59.5640, 74.4420, 105.8371

Trichromacy



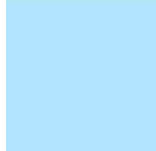
Original Color

55.4217, 74.9577, 106.1550



Protanomaly

62.6827, 72.4163, 97.0602



Deuteranomaly

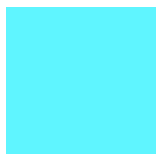
64.1535, 72.1718, 105.1570



Tritanomaly

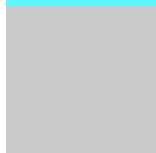
57.6737, 74.3415, 105.9174

Monochromacy



Original Color

55.4217, 74.9577, 106.1550



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

52.7643, 62.5275, 77.6947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4217, 74.9577, 106.1550 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(95, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 245, 255)  
}
```

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(95, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4217, 74.9577, 106.1550 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(95, 245, 255) }
```


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

```
.border{ border-color:rgb(95, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4217, 74.9577, 106.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 245, 255) }
```

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

```
.background{ background-color: rgb(95, 245,  
255) }
```

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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