

Converting Colors

XYZ(55.1106, 77.1547,
106.5955)

Have a look what the booklet for
XYZ(55.1106, 77.1547, 106.5955)
contains.

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Color

**XYZ(55.0596, 77.0471,
106.5774)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFAFF
RGB	74, 250, 255
RGB Percent	29%, 98%, 100%
CMY	0.7098, 0.0196, 0.0000
CMYK	0.71, 0.02, 0.00, 0.00
HSL	182°, 100%, 65%
HSV	182°, 71%, 100%
XYZ	55.0596, 77.0471, 106.5774
YIQ	197.9460, -106.5010, -35.7570

Conversions

Conversions Part 2

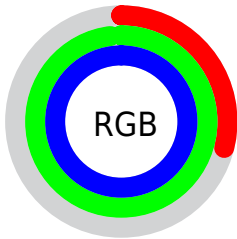
Format	Color
RYB	74, 163, 255
Decimal	4913919
CIELab	90.34, -41.57, -15.23
CIElCh	90, 44.271, 200.119
Yxy	77.0471, 0.2307, 0.3228
Android (android.graphics.Color)	4283103999 (0xFF4AFAFF)
YUV	197.9460, 28.1276, -108.7006
Hunter-Lab	87.7765, -41.6410, -10.5458

Details

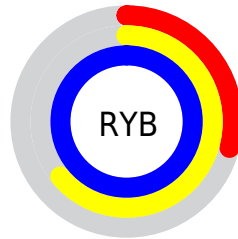
The XYZ color **55.0596, 77.0471, 106.5774** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.2729, 27.3475, 9.3729**, and the grayscale version is **53.5274, 56.3150, 61.3270**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **29.2630, 42.2171, 60.0325** is the 20% darker color. If you saturate the color by 10%, you get **53.2616, 75.7978, 106.4310**, and if you desaturate by 10%, it is **57.6575, 78.7134, 106.7621**.

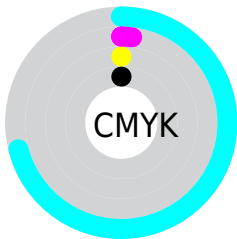
Distribution



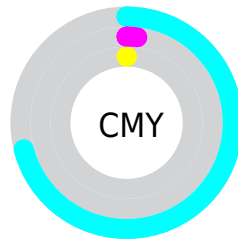
- Red (29%)
- Green (98%)
- Blue (100%)



- Red (29%)
- Yellow (64%)
- Blue (100%)



- Cyan (71%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (71%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0596, 77.0471, 106.5774 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 55.0596, 77.0471, 106.5774 by changing the saturation by 10% instead.


 55.0596, 77.0471,
106.5774


 55.0596, 77.0471,
106.5774


396.2705,
484.9246, 602.5067


 39.6835, 57.2915,
81.1575


 96.7761, 129.2060,
172.2975


 27.4749, 41.2393,
60.1395


 123.8472,
162.3781, 213.4347

 18.0687, 28.5062,
43.1051


 155.5473,
200.7911, 260.6481

 11.0993, 18.7076,
29.6356

 192.2417,
244.8295, 314.3562

 6.2014, 11.4592,
19.3124

234.2959,
294.8777, 374.9776

 3.0098, 6.3766,
11.7172

282.0752,

 1.1589, 3.0754,

351.3200, 442.9308

6.4312

335.9450,
414.5408, 518.6343

■ 0.0736, 1.1712,
3.0360

■ 0.0000, 0.0380,
1.1130

■ 55.0596, 77.0471,
106.5774

■ 55.0596, 77.0471,
106.5774

■ 53.2616, 75.7978,
106.4310

■ 57.6575, 78.7134,
106.7621

■ 52.1545, 74.9042,
106.3169

■ 61.1350, 80.8326,
106.9879

■ 51.6053, 74.3307,
106.2351

■ 65.5686, 83.4460,
107.2586

■ 71.0253, 86.5880,
107.5775

■ 77.5657, 90.2899,
107.9473

■ 85.2460, 94.5807,
108.3707

■ 94.1182, 99.4871,
108.8501

■ 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.



54.2533, 77.0471, 73.8893



55.0596, 77.0471, 106.5774



60.4510, 77.0471, 139.6966

Triad

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



55.0596, 77.0471, 106.5774



90.7499, 77.0471, 129.1989



76.9328, 77.0471, 37.1364

Complementary

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



55.0596, 77.0471, 106.5774



45.2729, 27.3475, 9.3729

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.



87.6960, 77.0471, 45.3661



55.0596, 77.0471, 106.5774



96.1865, 77.0471, 94.7572

Square

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



55.0596, 77.0471, 106.5774



80.7745, 77.0471, 154.8651



95.0160, 77.0471, 64.6769



66.1723, 77.0471, 38.7905

Rectangle

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



55.0596, 77.0471, 106.5774



66.2497, 77.0471, 154.9949



95.0160, 77.0471, 64.6769



80.6862, 77.0471, 38.7390

Sweetspot

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



55.0617, 77.0499, 106.5778



77.5488, 90.2804, 107.9464



39.9254, 73.5125, 19.1113



16.1883, 19.0927, 23.0820



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.



55.0617, 77.0499, 106.5778



52.7394, 75.3985, 106.3815



33.7054, 34.3372, 99.4590



18.5093, 20.3903, 23.2101



26.9842, 38.8780, 55.5166



2.6404, 3.8115, 5.4098

Inverse Universe

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



60.9454, 33.0614, 93.6149



59.0426, 29.5029, 92.2189



56.3909, 49.5836, 13.0790



18.7697, 18.2912, 22.6706



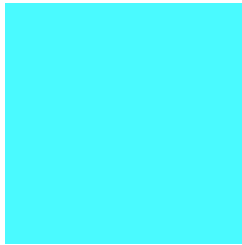
30.4086, 14.6527, 47.6635



2.9674, 1.4293, 4.6755

Previews

White Background



This preview shows how the XYZ color 55.0596, 77.0471, 106.5774 looks on a white background.

Color Contrast Check

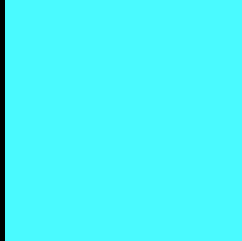
Large Text (above 18pt) WCAG AA × Fail

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 55.0596, 77.0471, 106.5774 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

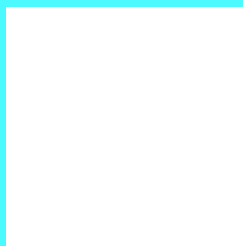
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0596, 77.0471, 106.5774

Background



This preview shows how black text looks on a background with the XYZ color 55.0596, 77.0471, 106.5774.

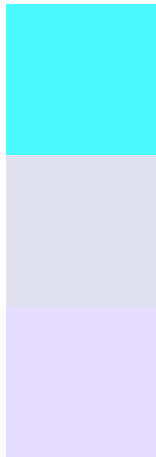


This preview shows how white text looks on a background with the XYZ color 55.0596, 77.0471,

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

55.0596, 77.0471, 106.5774

Protanopia

73.2870, 75.5509, 92.3815

Deuteranopia

76.2195, 75.5909, 105.1810



Tritanopia

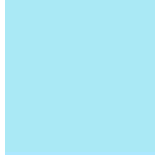
61.8997, 76.5202, 106.1151

Trichromacy



Original Color

55.0596, 77.0471, 106.5774



Protanomaly

62.1979, 73.4164, 97.2788



Deuteranomaly

64.1402, 73.8175, 105.4754



Tritanomaly

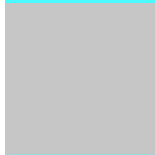
58.4267, 76.0589, 106.2092

Monochromacy



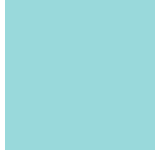
Original Color

55.0596, 77.0471, 106.5774



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.7359, 61.5125, 76.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0596, 77.0471, 106.5774 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(74, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 250, 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(74, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0596, 77.0471, 106.5774 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(74, 250, 255) }
```


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

```
.border{ border-color:rgb(74, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0596, 77.0471, 106.5774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 250, 255) }
```

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

```
.background{ background-color: rgb(74, 250,  
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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