

Converting Colors

XYZ(56.9090, 79.7424,
106.0199)

Have a look what the booklet for
XYZ(56.9090, 79.7424, 106.0199)
contains.

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Color

**XYZ(57.0775, 79.9707,
106.1935)**

Conversions

Conversions Part 1

Format	Color
Hex	55FEFE
RGB	85, 254, 254
RGB Percent	33%, 100%, 100%
CMY	0.6666, 0.0039, 0.0039
CMYK	0.67, 0.00, 0.00, 0.00
HSL	180°, 99%, 66%
HSV	180°, 67%, 100%
XYZ	57.0775, 79.9707, 106.1935
YIQ	203.4690, -100.7240, -35.8280

Conversions

Conversions Part 2

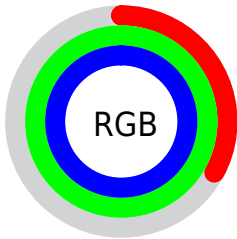
Format	Color
R_{YB}	85, 170, 254
Decimal	5635838
CIE _{Lab}	91.67, -42.26, -12.70
CIE _{LCh}	92, 44.131, 196.723
Yxy	79.9707, 0.2347, 0.3288
Android (android.graphics.Color)	4283825918 (0xFF55FEFE)
YUV	203.4690, 24.9118, -103.8973
Hunter-Lab	89.4263, -42.5662, -7.8083

Details

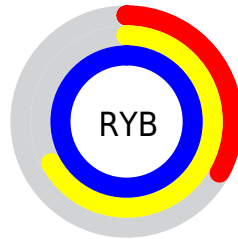
The XYZ color **57.0775, 79.9707, 106.1935** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **45.7639, 28.2262, 11.6330**, and the grayscale version is **56.9559, 59.9221, 65.2551**.

A 20% lighter version of the original color is **67.1364, 85.6100, 107.5937**, and **30.0443, 43.9637, 59.7257** is the 20% darker color. If you saturate the color by 10%, you get **55.1726, 78.9905, 106.1059**, and if you desaturate by 10%, it is **59.8143, 81.3834, 106.3237**.

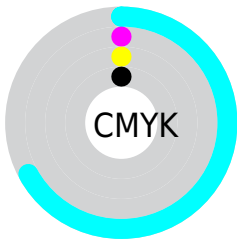
Distribution



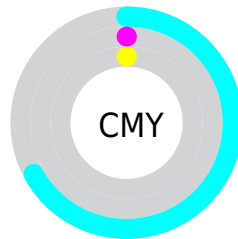
- Red (33%)
- Green (100%)
- Blue (100%)



- Red (33%)
- Yellow (67%)
- Blue (100%)



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





- Cyan (67%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0775, 79.9707, 106.1935 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 57.0775, 79.9707, 106.1935 by changing the saturation by 10% instead.


 57.0775, 79.9707,
106.1935


 57.0775, 79.9707,
106.1935


403.7491,
494.8341, 601.2878


 41.3078, 59.6942,
80.8374


 99.7090, 133.3245,
171.7686


 28.7484, 43.1722,
59.8774


 127.3015,
167.1707, 212.8246

 19.0339, 30.0203,
42.8952


 159.5657,
206.3089, 259.9510

 11.7989, 19.8540,
29.4721

 196.8669,
251.1235, 313.5664

 6.6781, 12.2889,
19.1896

239.5705,
301.9990, 374.0892

 3.3062, 6.9408,
11.6292

288.0418,

 1.3177, 3.4251,

359.3196, 441.9380

6.3722

342.6463,
423.4698, 517.5313

■ 0.1964, 1.3575,
3.0003

■ 0.0000, 0.1851,
1.0948

■ 57.0775, 79.9707,
106.1935

■ 57.0775, 79.9707,
106.1935

■ 55.1726, 78.9905,
106.1059

■ 59.8143, 81.3834,
106.3237

■ 53.9992, 78.3856,
106.0507

■ 63.4554, 83.2604,
106.4943

■ 53.4428, 78.0987,
106.0244

■ 68.0734, 85.6410,
106.7107

■ 53.3325, 78.0419,
106.0191

■ 73.7315, 88.5579,
106.9758

80.4877, 92.0409,
107.2923

88.3958, 96.1176,
107.6626

94.5731, 99.3021,
107.9520

94.5731, 99.3021,
107.9523

94.5732, 99.3022,
107.9526

Harmonies

Analogous

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



56.7991, 79.9707, 73.5777



57.0775, 79.9707, 106.1935



62.0934, 79.9707, 140.5616

Triad

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



57.0775, 79.9707, 106.1935



92.9142, 79.9707, 136.9586



81.0989, 79.9707, 39.5409

Complementary

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



57.0775, 79.9707, 106.1935



45.7639, 28.2262, 11.6330

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.



91.8639, 79.9707, 49.2370



57.0775, 79.9707, 106.1935



99.1265, 79.9707, 102.1284

Square

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



57.0775, 79.9707, 106.1935



82.4213, 79.9707, 161.1140



98.7242, 79.9707, 70.4001



69.9396, 79.9707, 40.1147

Rectangle

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



57.0775, 79.9707, 106.1935



67.7592, 79.9707, 157.4823



98.7242, 79.9707, 70.4001



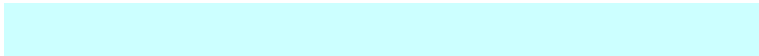
84.9043, 79.9707, 41.5805

Sweetspot

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



57.0799, 79.9737, 106.1954



78.7117, 91.5773, 108.1348



41.0912, 73.6084, 20.6385



16.4366, 19.3895, 23.1261



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.



57.0799, 79.9737, 106.1954



55.1748, 79.4436, 107.0316



36.4514, 38.7161, 99.3210



18.5549, 20.4815, 23.2253



28.1166, 41.1432, 55.8927



2.7376, 4.0060, 5.4421

Inverse Universe

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



45.7639, 28.2262, 11.6330



43.0214, 23.8667, 5.4715



56.2766, 49.2517, 15.1368



18.0095, 17.9871, 18.6670



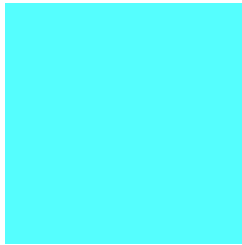
21.5488, 11.1088, 1.0085



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 57.0775, 79.9707, 106.1935 looks on a white background.

Color Contrast Check

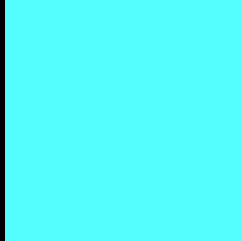
Large Text (above 18pt) WCAG AA × Fail

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 57.0775, 79.9707, 106.1935 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 57.0775, 79.9707, 106.1935

Background



This preview shows how black text looks on a background with the XYZ color 57.0775, 79.9707, 106.1935.



This preview shows how white text looks on a background with the XYZ color 57.0775, 79.9707,

Color Blindness Simulation

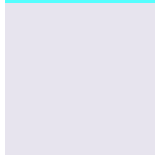
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0775, 79.9707, 106.1935



Protanopia

76.1310, 78.6488, 92.0571



Deuteranopia

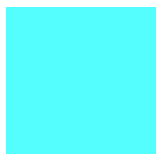
78.9666, 78.1935, 105.5386



Tritanopia

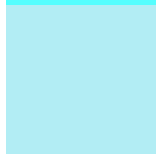
65.7385, 78.9398, 106.3799

Trichromacy



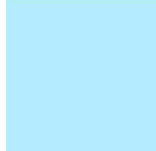
Original Color

57.0775, 79.9707, 106.1935



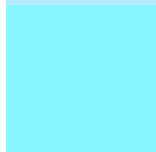
Protanomaly

64.9734, 76.5650, 96.9420



Deuteranomaly

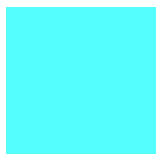
66.5807, 76.3400, 105.8337



Tritanomaly

61.3223, 78.4499, 106.5181

Monochromacy



Original Color

57.0775, 79.9707, 106.1935



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

53.8033, 64.9901, 78.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0775, 79.9707, 106.1935 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(85, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(85, 254, 254)  
}
```

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(85, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 254, 254) }
```

Border

The CSS property to change the border of an element to XYZ 57.0775, 79.9707, 106.1935 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(85, 254, 254) }
```


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

```
.border{ border-color:rgb(85, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(85, 254,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0775, 79.9707, 106.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 254, 254) }
```

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

```
.background{ background-color: rgb(85, 254,  
254) }
```

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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