

Converting Colors

XYZ(57.1353, 79.2391,
106.8911)

Have a look what the booklet for
XYZ(57.1353, 79.2391, 106.8911)
contains.

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Color

**XYZ(56.9802, 78.9647,
106.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	59FCFF
RGB	89, 252, 255
RGB Percent	35%, 99%, 100%
CMY	0.6509, 0.0117, 0.0000
CMYK	0.65, 0.01, 0.00, 0.00
HSL	181°, 100%, 67%
HSV	181°, 65%, 100%
XYZ	56.9802, 78.9647, 106.8463
YIQ	203.6050, -98.1110, -33.6230

Conversions

Conversions Part 2

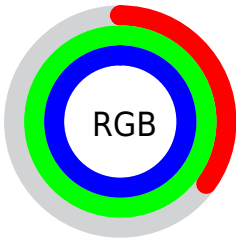
Format	Color
RYB	89, 171, 255
Decimal	5897471
CIELab	91.22, -40.55, -13.89
CIElCh	91, 42.862, 198.903
Yxy	78.9647, 0.2347, 0.3252
Android (android.graphics.Color)	4284087551 (0xFF59FCFF)
YUV	203.6050, 25.3377, -100.5086
Hunter-Lab	88.8621, -41.0508, -9.0859

Details

The XYZ color **56.9802, 78.9647, 106.8463** 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 **46.8711, 29.6366, 12.7032**, and the grayscale version is **57.0375, 60.0079, 65.3486**.

A 20% lighter version of the original color is **67.7146, 85.9081, 107.6207**, and **29.7081, 43.1074, 60.1809** is the 20% darker color. If you saturate the color by 10%, you get **54.7998, 77.6281, 106.7032**, and if you desaturate by 10%, it is **60.0122, 80.7444, 107.0300**.

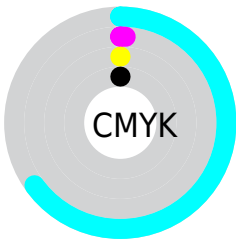
Distribution



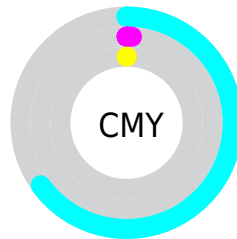
- Red (35%)
- Green (99%)
- Blue (100%)



- Red (35%)
- Yellow (67%)
- Blue (100%)



- Cyan (65%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (65%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9802, 78.9647, 106.8463 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 56.9802, 78.9647, 106.8463 by changing the saturation by 10% instead.


 56.9802, 78.9647,
106.8463


 56.9802, 78.9647,
106.8463


403.3905,
491.4369, 603.3597

 41.2294, 58.8668,
81.3817


 99.5678, 131.9092,
172.6678


 28.6869, 42.5059,
60.3232


 127.1354,
165.5245, 213.8619

 18.9871, 29.4976,
43.2522


 159.3726,
204.4144, 261.1361

 11.7649, 19.4576,
29.7502

 196.6447,
248.9634, 314.9091

 6.6549, 12.0014,
19.3986

239.3173,
299.5557, 375.5995

 3.2916, 6.7446,
11.7789

287.7555,

 1.3098, 3.3029,

356.5758, 443.6257

6.4726

342.3248,
420.4081, 519.4062

■ 0.1905, 1.2918,
3.0611

■ 0.0000, 0.1349,
1.1259

■ 56.9802, 78.9647,
106.8463

■ 56.9802, 78.9647,
106.8463

■ 54.7998, 77.6281,
106.7032

■ 60.0122, 80.7444,
107.0300

■ 53.3729, 76.6787,
106.5952

■ 63.9681, 82.9991,
107.2567

■ 52.5884, 76.0610,
106.5173

■ 68.9200, 85.7677,
107.5301

■ 52.3592, 75.8384,
106.4864

■ 74.9307, 89.0828,
107.8532

■ 82.0583, 92.9741,
108.2286

■ 90.3562, 97.4693,
108.6589

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.



56.3700, 78.9647, 74.9746



56.9802, 78.9647, 106.8463



62.1467, 78.9647, 139.3824

Triad

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



56.9802, 78.9647, 106.8463



91.9161, 78.9647, 131.5872



79.1449, 78.9647, 39.6319

Complementary

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



56.9802, 78.9647, 106.8463



46.8711, 29.6366, 12.7032

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.



89.6341, 78.9647, 48.3259



56.9802, 78.9647, 106.8463



97.4671, 78.9647, 98.0110

Square

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



56.9802, 78.9647, 106.8463



82.0242, 78.9647, 155.8779



96.5939, 78.9647, 68.0228



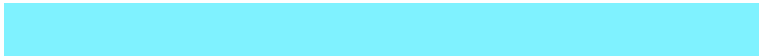
68.4895, 78.9647, 40.9027

Rectangle

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



56.9802, 78.9647, 106.8463



67.7852, 78.9647, 154.7166



96.5939, 78.9647, 68.0228



82.8238, 78.9647, 41.3818

Sweetspot

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



56.9823, 78.9676, 106.8467



78.4189, 90.9914, 108.0377



41.8026, 74.4131, 22.2337



16.3652, 19.2465, 23.1024



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.



56.9823, 78.9676, 106.8467



54.3119, 77.3144, 106.6684



36.4029, 37.8088, 99.9869



18.5251, 20.4218, 23.2154



27.3716, 39.6528, 55.6457



2.6737, 3.8781, 5.4209

Inverse Universe

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



62.3844, 35.4348, 95.6503



60.1363, 31.0890, 94.4372



58.3290, 52.5523, 16.5225



18.7777, 18.2944, 22.7125



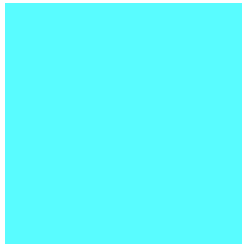
30.6041, 14.7309, 48.6932



2.9842, 1.4360, 4.7640

Previews

White Background



This preview shows how the XYZ color 56.9802, 78.9647, 106.8463 looks on a white background.

Color Contrast Check

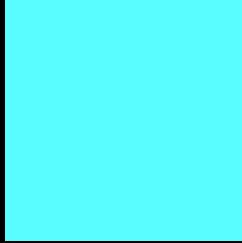
Large Text (above 18pt) WCAG AA × Fail

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 56.9802, 78.9647, 106.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

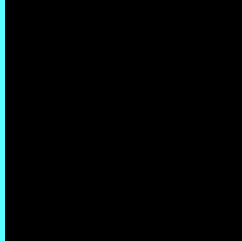
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9802, 78.9647, 106.8463

Background



This preview shows how black text looks on a background with the XYZ color 56.9802, 78.9647, 106.8463.

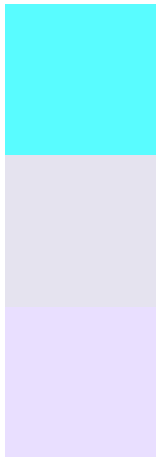


This preview shows how white text looks on a background with the XYZ color 56.9802, 78.9647,

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

56.9802, 78.9647, 106.8463

Protanopia

75.3622, 77.8282, 92.7117

Deuteranopia

78.0419, 77.3190, 105.4185



Tritanopia

64.7024, 78.4056, 106.3314

Trichromacy



Original Color

56.9802, 78.9647, 106.8463



Protanomaly

64.8370, 76.0485, 97.6477



Deuteranomaly

66.5289, 75.8894, 105.7494



Tritanomaly

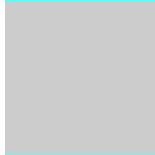
60.9974, 78.2824, 106.5029

Monochromacy



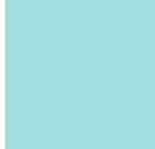
Original Color

56.9802, 78.9647, 106.8463



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.0760, 64.7220, 79.4545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9802, 78.9647, 106.8463 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(89, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 252, 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(89, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.9802, 78.9647, 106.8463 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(89, 252, 255) }
```


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

```
.border{ border-color:rgb(89, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9802, 78.9647, 106.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 252, 255) }
```

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

```
.background{ background-color: rgb(89, 252,  
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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