

Converting Colors

XYZ(57.9968, 77.3329,
109.6599)

Have a look what the booklet for
XYZ(57.9968, 77.3329, 109.6599)
contains.

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Color

**XYZ(57.2546, 76.8057,
106.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	6AF7FF
RGB	106, 247, 255
RGB Percent	42%, 97%, 100%
CMY	0.5843, 0.0314, 0.0000
CMYK	0.58, 0.03, 0.00, 0.00
HSL	183°, 100%, 71%
HSV	183°, 58%, 100%
XYZ	57.2546, 76.8057, 106.4151
YIQ	205.7530, -86.6040, -27.4040

Conversions

Conversions Part 2

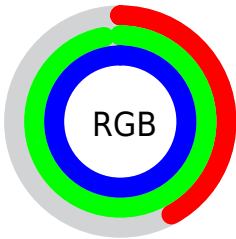
Format	Color
RYB	106, 178, 255
Decimal	7010303
CIELab	90.23, -35.62, -15.32
CIELCh	90, 38.777, 203.268
Yxy	76.8057, 0.2381, 0.3194
Android (android.graphics.Color)	4285200383 (0xFF6AF7FF)
YUV	205.7530, 24.2788, -87.4834
Hunter-Lab	87.6389, -36.7537, -10.6454

Details

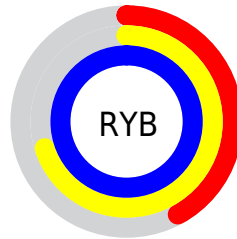
The XYZ color **57.2546, 76.8057, 106.4151** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.8596, 34.3362, 17.6373**, and the grayscale version is **58.3999, 61.4413, 66.9096**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **28.7876, 40.9975, 59.8221** is the 20% darker color. If you saturate the color by 10%, you get **54.2462, 74.6375, 106.1552**, and if you desaturate by 10%, it is **61.1709, 79.4499, 106.7191**.

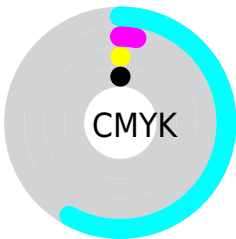
Distribution



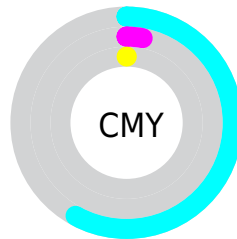
- Red (42%)
- Green (97%)
- Blue (100%)



- Red (42%)
- Yellow (70%)
- Blue (100%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2546, 76.8057, 106.4151 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 57.2546, 76.8057, 106.4151 by changing the saturation by 10% instead.

57.2546, 76.8057,
106.4151

57.2546, 76.8057,
106.4151

404.4014,
484.1013, 601.9915

41.4506, 57.0934,
81.0221

99.9658, 128.8652,
172.0739

28.8606, 41.0802,
60.0287

127.6037,
161.9812, 213.1768

19.1191, 28.3818,
43.0163

159.9170,
200.3338, 260.3535

11.8609, 18.6137,
29.5664

197.2711,
244.3076, 314.0224

6.7206, 11.3915,
19.2605

240.0311,
294.2868, 374.6021

3.3327, 6.3308,
11.6799

288.5627,

1.3321, 3.0472,

350.6559, 442.5112

6.4062

343.2310,
413.7993, 518.1681

■ 0.2070, 1.1564,
3.0209

■ 0.0000, 0.0257,
1.1053

■ 57.2546, 76.8057,
106.4151

■ 57.2546, 76.8057,
106.4151

■ 54.2462, 74.6375,
106.1552

■ 61.1709, 79.4499,
106.7191

■ 52.0570, 72.8945,
105.9341

■ 66.0612, 82.5991,
107.0692

■ 50.5913, 71.5290,
105.7478

■ 71.9928, 86.2897,
107.4689

■ 49.7125, 70.4705,
105.5898

■ 79.0252, 90.5524,
107.9210

■ 49.5985, 70.3170,
105.5662

■ 87.2133, 95.4154,
108.4281

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.



56.0884, 76.8057, 77.5554



57.2546, 76.8057, 106.4151



62.4617, 76.8057, 133.8296

Triad

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



57.2546, 76.8057, 106.4151



88.8973, 76.8057, 119.5873



75.1972, 76.8057, 41.1921

Complementary

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



57.2546, 76.8057, 106.4151



49.8596, 34.3362, 17.6373

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.



84.6649, 76.8057, 47.8733



57.2546, 76.8057, 106.4151



93.0127, 76.8057, 90.0103

Square

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



57.2546, 76.8057, 106.4151



80.5760, 76.8057, 142.5299



91.3995, 76.8057, 64.3514



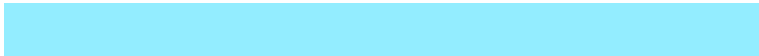
65.9173, 76.8057, 43.7078

Rectangle

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



57.2546, 76.8057, 106.4151



67.7913, 76.8057, 145.5060



91.3995, 76.8057, 64.3514



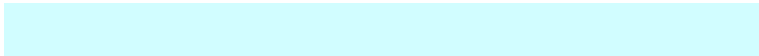
78.4721, 76.8057, 42.3775

Sweetspot

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



57.2567, 76.8085, 106.4155



79.3520, 90.7482, 107.9416



44.7112, 75.7872, 28.0299



16.5185, 19.1438, 23.0744



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.



57.2567, 76.8085, 106.4155



53.8501, 74.3364, 106.1179



38.9487, 40.1925, 100.3129



18.4664, 20.3045, 23.1958



25.9525, 36.8146, 55.1727



2.5514, 3.6336, 5.3801

Inverse Universe

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



63.1839, 38.2852, 92.0584



60.4047, 33.1163, 89.9314



61.8151, 58.2473, 21.6225



18.7481, 18.2825, 22.5565



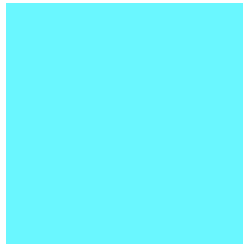
29.8878, 14.4444, 44.9213



2.9225, 1.4114, 4.4390

Previews

White Background



This preview shows how the XYZ color 57.2546, 76.8057, 106.4151 looks on a white background.

Color Contrast Check

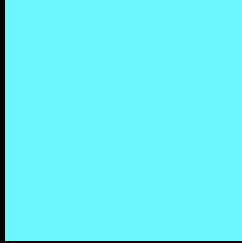
Large Text (above 18pt) WCAG AA × Fail

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 57.2546, 76.8057, 106.4151 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 57.2546, 76.8057, 106.4151

Background



This preview shows how black text looks on a background with the XYZ color 57.2546, 76.8057, 106.4151.

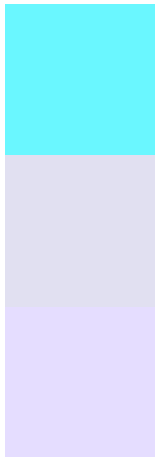


This preview shows how white text looks on a background with the XYZ color 57.2546, 76.8057,

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

57.2546, 76.8057, 106.4151

Protanopia

73.5842, 75.6697, 93.9465

Deuteranopia

76.2195, 75.5909, 105.1810



Tritanopia

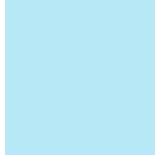
62.3470, 76.3125, 106.0515

Trichromacy



Original Color

57.2546, 76.8057, 106.4151



Protanomaly

64.7826, 74.3121, 98.1180



Deuteranomaly

66.1140, 74.0040, 105.4074



Tritanomaly

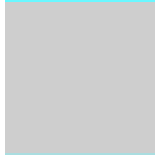
60.2539, 76.5554, 106.2087

Monochromacy



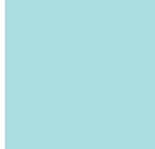
Original Color

57.2546, 76.8057, 106.4151



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.8886, 65.6408, 80.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2546, 76.8057, 106.4151 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(106, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 247, 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(106, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.2546, 76.8057, 106.4151 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(106, 247, 255) }
```


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

```
.border{ border-color:rgb(106, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(106, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2546, 76.8057, 106.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 247, 255) }
```

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

```
.background{ background-color: rgb(106,  
247, 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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