

Converting Colors

XYZ(62.6556, 78.7193,
132.8258)

Have a look what the booklet for
XYZ(62.6556, 78.7193, 132.8258)
contains.

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Color

**XYZ(57.5613, 76.5110,
106.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	6FF6FF
RGB	111, 246, 255
RGB Percent	44%, 96%, 100%
CMY	0.5647, 0.0353, 0.0000
CMYK	0.56, 0.04, 0.00, 0.00
HSL	184°, 100%, 72%
HSV	184°, 56%, 100%
XYZ	57.5613, 76.5110, 106.3421
YIQ	206.6610, -83.3490, -25.8210

Conversions

Conversions Part 2

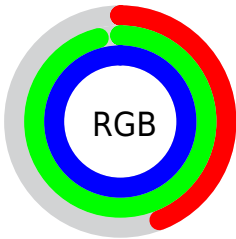
Format	Color
RYB	111, 181, 255
Decimal	7337727
CIELab	90.10, -34.28, -15.51
CIELCh	90, 37.628, 204.339
Yxy	76.5110, 0.2394, 0.3182
Android (android.graphics.Color)	4285527807 (0xFF6FF6FF)
YUV	206.6610, 23.8311, -83.8947
Hunter-Lab	87.4706, -35.6089, -10.8523

Details

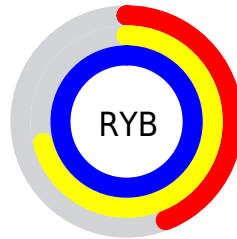
The XYZ color **57.5613, 76.5110, 106.3421** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.8265, 35.8416, 19.2803**, and the grayscale version is **58.9823, 62.0540, 67.5768**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **28.9557, 40.7637, 59.7681** is the 20% darker color. If you saturate the color by 10%, you get **54.3169, 74.1239, 106.0523**, and if you desaturate by 10%, it is **61.7295, 79.3840, 106.6769**.

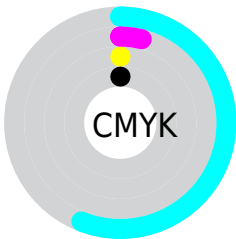
Distribution



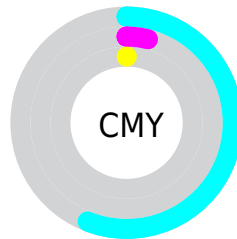
- Red (44%)
- Green (96%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5613, 76.5110, 106.3421 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 57.5613, 76.5110, 106.3421 by changing the saturation by 10% instead.

57.5613, 76.5110,
106.3421

57.5613, 76.5110,
106.3421

405.5295,
483.0952, 601.7597

41.6980, 56.8516,
80.9613

100.4104,
128.4490, 171.9733

29.0549, 40.8861,
59.9789

128.1268,
161.4964, 213.0608

19.2669, 28.2301,
42.9764

160.5250,
199.7752, 260.2209

11.9684, 18.4992,
29.5354

197.9703,
243.6699, 313.8722

6.7942, 11.3090,
19.2371

240.8280,
293.5649, 374.4332

3.3789, 6.2751,
11.6632

289.4636,

1.3572, 3.0130,

349.8445, 442.3224

6.3950

344.2423,
412.8931, 517.9584

■ 0.2254, 1.1385,
3.0141

■ 0.0000, 0.0106,
1.1018

■ 57.5613, 76.5110,
106.3421

■ 57.5613, 76.5110,
106.3421

■ 54.3169, 74.1239,
106.0523

■ 61.7295, 79.3840,
106.6769

■ 51.9099, 72.1728,
105.8026

■ 66.8862, 82.7711,
107.0589

■ 50.2483, 70.6122,
105.5889

■ 73.0973, 86.7079,
107.4914

■ 49.2143, 69.3813,
105.4058

■ 80.4214, 91.2247,
107.9772

■ 48.9365, 68.9930,
105.3455

■ 88.9126, 96.3494,
108.5188

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.



56.2807, 76.5110, 78.3381



57.5613, 76.5110, 106.3421



62.7501, 76.5110, 132.4471

Triad

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



57.5613, 76.5110, 106.3421



88.3029, 76.5110, 117.0175



74.5067, 76.5110, 41.9058

Complementary

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



57.5613, 76.5110, 106.3421



50.8265, 35.8416, 19.2803

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.



83.6968, 76.5110, 48.1299



57.5613, 76.5110, 106.3421



92.0875, 76.5110, 88.4827

Square

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



57.5613, 76.5110, 106.3421



80.3732, 76.5110, 139.4764



90.3339, 76.5110, 63.8653



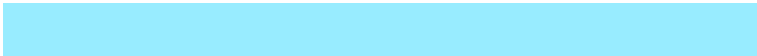
65.5713, 76.5110, 44.6968

Rectangle

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



57.5613, 76.5110, 106.3421



67.9823, 76.5110, 143.2612



90.3339, 76.5110, 63.8653



77.6758, 76.5110, 42.9632

Sweetspot

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



57.5634, 76.5138, 106.3425



80.0026, 90.9692, 107.9500



45.5988, 76.2129, 29.5113



16.7919, 19.2681, 23.0840



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.



57.5634, 76.5138, 106.3425



53.8958, 73.7976, 106.0115



40.0934, 41.5738, 100.5191



18.4520, 20.2755, 23.1910



25.6121, 36.1337, 55.0592



2.5220, 3.5747, 5.3703

Inverse Universe

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



63.5604, 39.2845, 91.4245



60.5816, 33.7762, 89.0470



62.5671, 59.3229, 23.1938



18.7408, 18.2796, 22.5181



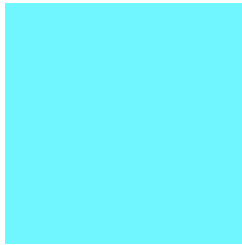
29.7160, 14.3757, 44.0163



2.9076, 1.4054, 4.3608

Previews

White Background



This preview shows how the XYZ color 57.5613, 76.5110, 106.3421 looks on a white background.

Color Contrast Check

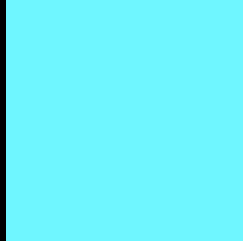
Large Text (above 18pt) WCAG AA × Fail

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 57.5613, 76.5110, 106.3421 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 57.5613, 76.5110, 106.3421

Background



This preview shows how black text looks on a background with the XYZ color 57.5613, 76.5110, 106.3421.

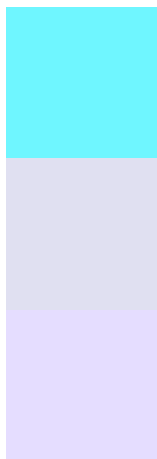


This preview shows how white text looks on a background with the XYZ color 57.5613, 76.5110,

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

57.5613, 76.5110, 106.3421

Protanopia

73.2733, 75.5095, 93.9320

Deuteranopia

76.2195, 75.5909, 105.1810



Tritanopia

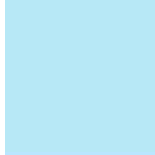
62.1590, 76.2156, 106.0427

Trichromacy



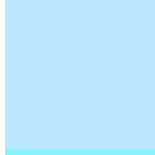
Original Color

57.5613, 76.5110, 106.3421



Protanomaly

65.0196, 74.4343, 98.1291



Deuteranomaly

66.5965, 74.2527, 105.4299



Tritanomaly

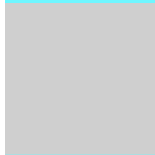
60.1187, 76.0426, 106.1168

Monochromacy



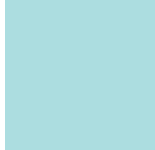
Original Color

57.5613, 76.5110, 106.3421



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.3243, 65.8654, 80.2657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5613, 76.5110, 106.3421 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(111, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 246, 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(111, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5613, 76.5110, 106.3421 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(111, 246, 255) }
```


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

```
.border{ border-color:rgb(111, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5613, 76.5110, 106.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 246, 255) }
```

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

```
.background{ background-color: rgb(111,  
246, 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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