

Converting Colors

XYZ(63.1565, 92.4535, 95.5433)

Have a look what the booklet for
XYZ(63.1565, 92.4535, 95.5433)
contains.

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Color

**XYZ(57.3770, 80.8812,
93.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	6CFFEE
RGB	108, 255, 238
RGB Percent	42%, 100%, 93%
CMY	0.5764, 0.0000, 0.0667
CMYK	0.58, 0.00, 0.07, 0.00
HSL	173°, 100%, 71%
HSV	173°, 58%, 100%
XYZ	57.3770, 80.8812, 93.4765
YIQ	209.1090, -82.1550, -36.4510

Conversions

Conversions Part 2

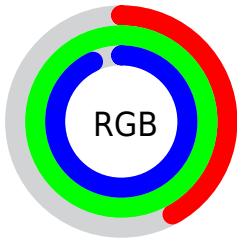
Format	Color
RYB	108, 186, 255
Decimal	7143406
CIELab	92.08, -43.28, -3.74
CIELCh	92, 43.444, 184.939
Yxy	80.8812, 0.2476, 0.3490
Android (android.graphics.Color)	4285333486 (0xFF6CFEE)
YUV	209.1090, 14.2433, -88.6726
Hunter-Lab	89.9340, -43.5032, 1.3283

Details

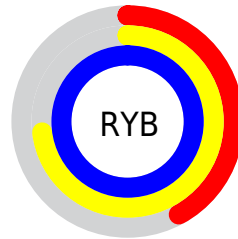
The XYZ color **57.3770, 80.8812, 93.4765** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.3052, 33.4673, 23.2121**, and the grayscale version is **60.6246, 63.7818, 69.4584**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **29.0143, 43.9598, 51.2118** is the 20% darker color. If you saturate the color by 10%, you get **54.2870, 79.3379, 91.0900**, and if you desaturate by 10%, it is **61.3829, 82.8958, 95.9457**.

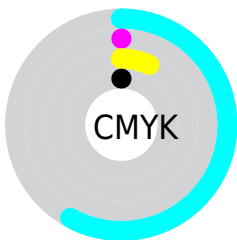
Distribution



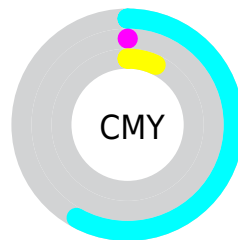
- Red (42%)
- Green (100%)
- Blue (93%)



- Red (42%)
- Yellow (73%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (58%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3770, 80.8812, 93.4765 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 57.3770, 80.8812, 93.4765 by changing the saturation by 10% instead.


 57.3770, 80.8812,
93.4765


 57.3770, 80.8812,
93.4765


404.8519,
497.8976, 560.1353


 41.5493, 60.4438,
70.2778


 100.1433,
134.6039, 154.1356

 28.9381, 43.7764,
51.2748


 127.8125,
168.6580, 192.4329

 19.1781, 30.4948,
36.0491


 160.1597,
208.0198, 236.6003

 11.9038, 20.2144,
24.1821

197.5502,
253.0737, 287.0561

 6.7499, 12.5510,
15.2553

240.3493,
304.2040, 344.2190

 3.3511, 7.1201,
8.8502

288.9224,

 1.3421, 3.5373,

361.7951, 408.5075

4.5481

343.6348,
426.2315, 480.3401

■ 0.2144, 1.4183,
1.9306

■ 0.0000, 0.2301,
0.5121

■ 57.3770, 80.8812,
93.4765

■ 57.3770, 80.8812,
93.4765

■ 54.2870, 79.3379,
91.0900

■ 61.3829, 82.8958,
95.9457

■ 52.0280, 78.2222,
88.7779

■ 66.3733, 85.4172,
98.4969

■ 50.5050, 77.4851,
86.5369

■ 72.4138, 88.4791,
101.1345

■ 49.5910, 77.0611,
84.3609

■ 79.5637, 92.1120,
103.8616

■ 49.4206, 76.9842,
83.8557

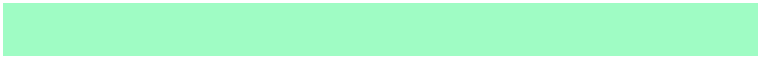
■ 87.8776, 96.3442,
106.6810

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.



58.9921, 80.8812, 64.4674



57.3770, 80.8812, 93.4765



60.5579, 80.8812, 128.2616

Triad

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



57.3770, 80.8812, 93.4765



89.8621, 80.8812, 148.8237



86.3497, 80.8812, 43.2237

Complementary

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



57.3770, 80.8812, 93.4765



50.3052, 33.4673, 23.2121

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.



95.8880, 80.8812, 57.2903



57.3770, 80.8812, 93.4765



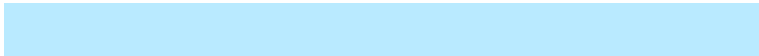
98.0498, 80.8812, 116.8173

Square

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



57.3770, 80.8812, 93.4765



78.7419, 80.8812, 164.7894



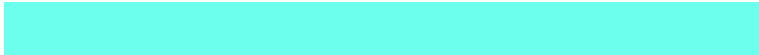
100.3549, 80.8812, 82.8682



75.0382, 80.8812, 39.8499

Rectangle

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



57.3770, 80.8812, 93.4765



65.1705, 80.8812, 148.7177



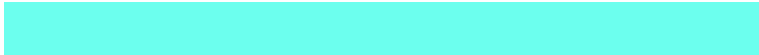
100.3549, 80.8812, 82.8682



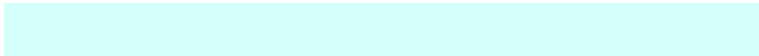
89.9034, 80.8812, 46.6572

Sweetspot

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



57.3780, 80.8817, 93.4780



80.0639, 92.3664, 104.0405



46.9474, 76.9746, 26.5724



16.8067, 19.6022, 22.1499



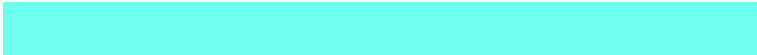
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.3780, 80.8817, 93.4780



53.9340, 79.1626, 90.7722



44.5787, 51.0957, 102.1206



18.4591, 20.4432, 22.7204



25.8594, 40.2404, 44.0064



2.5424, 3.9279, 4.4142

Inverse Universe

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



50.3052, 33.4673, 23.2121



46.3107, 27.7676, 14.8229



57.2861, 49.0207, 20.6319



18.0948, 18.0212, 19.1163



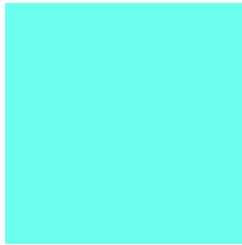
21.6947, 11.1672, 1.7770



2.1385, 1.0978, 0.3109

Previews

White Background



This preview shows how the XYZ color 57.3770, 80.8812, 93.4765 looks on a white background.

Color Contrast Check

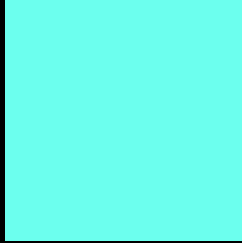
Large Text (above 18pt) WCAG AA × Fail

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 57.3770, 80.8812, 93.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

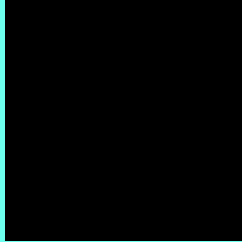
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3770, 80.8812, 93.4765

Background



This preview shows how black text looks on a background with the XYZ color 57.3770, 80.8812, 93.4765.

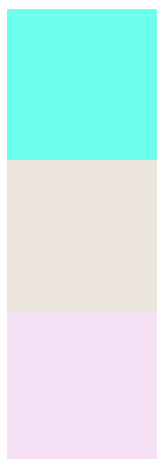


This preview shows how white text looks on a background with the XYZ color 57.3770, 80.8812,

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

57.3770, 80.8812, 93.4765

Protanopia

76.2082, 79.7542, 81.1895

Deuteranopia

81.1431, 79.4967, 97.4539



Tritanopia

67.7066, 79.9544, 106.4720

Trichromacy



Original Color

57.3770, 80.8812, 93.4765



Protanomaly

65.8564, 78.1533, 85.0129



Deuteranomaly

68.5003, 77.5632, 95.3653



Tritanomaly

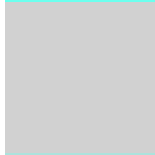
63.1221, 79.9404, 101.7257

Monochromacy



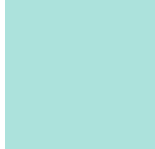
Original Color

57.3770, 80.8812, 93.4765



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.1279, 68.3307, 77.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3770, 80.8812, 93.4765 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(108, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(108, 255, 238)  
}
```

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(108, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 57.3770, 80.8812, 93.4765 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(108, 255, 238) }
```


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

```
.border{ border-color:rgb(108, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(108, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3770, 80.8812, 93.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 255, 238) }
```

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

```
.background{ background-color: rgb(108,  
255, 238) }
```

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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