

Converting Colors

XYZ(57.3245, 80.5953,
105.1688)

Have a look what the booklet for
XYZ(57.3245, 80.5953, 105.1688)
contains.

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Color

**XYZ(57.4201, 80.6381,
105.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	57FFFD
RGB	87, 255, 253
RGB Percent	34%, 100%, 99%
CMY	0.6588, 0.0000, 0.0078
CMYK	0.66, 0.00, 0.01, 0.00
HSL	179°, 100%, 67%
HSV	179°, 66%, 100%
XYZ	57.4201, 80.6381, 105.4669
YIQ	204.5400, -99.4860, -36.2380

Conversions

Conversions Part 2

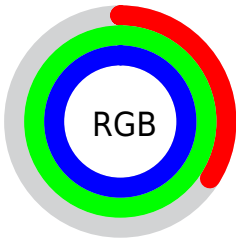
Format	Color
RYB	87, 172, 255
Decimal	5767165
CIELab	91.97, -42.71, -11.73
CIELCh	92, 44.291, 195.358
Yxy	80.6381, 0.2358, 0.3311
Android (android.graphics.Color)	4283957245 (0xFF57FFFD)
YUV	204.5400, 23.8908, -103.0826
Hunter-Lab	89.7987, -43.0093, -6.7759

Details

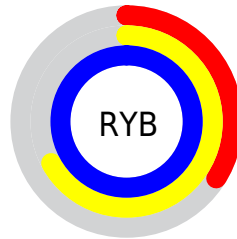
The XYZ color **57.4201, 80.6381, 105.4669** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **46.4525, 28.7993, 12.5634**, and the grayscale version is **57.6361, 60.6376, 66.0344**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **30.1579, 44.3737, 59.2000** is the 20% darker color. If you saturate the color by 10%, you get **55.3976, 79.6010, 105.1216**, and if you desaturate by 10%, it is **60.2854, 82.1096, 105.8549**.

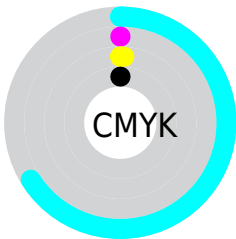
Distribution



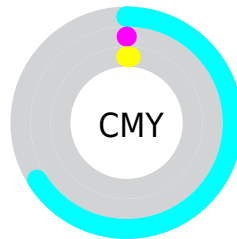
- Red (34%)
- Green (100%)
- Blue (99%)



- Red (34%)
- Yellow (67%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4201, 80.6381, 105.4669 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 57.4201, 80.6381, 105.4669 by changing the saturation by 10% instead.

57.4201, 80.6381,
105.4669

57.4201, 80.6381,
105.4669

405.0104,
497.0807, 598.9772

41.5841, 60.2436,
80.2317

100.2057,
134.2625, 170.7670

28.9654, 43.6150,
59.3818

127.8861,
168.2612, 211.6691

19.1988, 30.3680,
42.4985

160.2452,
207.5633, 258.6305

11.9189, 20.1180,
29.1633

197.6485,
252.5534, 312.0699

6.7603, 12.4809,
18.9578

240.4613,
303.6158, 372.4057

3.3576, 7.0721,
11.4633

289.0490,

1.3456, 3.5072,

361.1349, 440.0565

6.2613

343.7769,
425.4950, 515.4408

■ 0.2169, 1.4019,
2.9332

■ 0.0000, 0.2181,
1.0607

■ 57.4201, 80.6381,
105.4669

■ 57.4201, 80.6381,
105.4669

■ 55.3976, 79.6010,
105.1216

■ 60.2854, 82.1096,
105.8549

■ 54.1213, 78.9486,
104.8102

■ 64.0695, 84.0548,
106.2849

■ 53.4769, 78.6219,
104.5288

■ 68.8441, 86.5105,
106.7616

■ 53.3254, 78.5462,
104.4183

■ 74.6725, 89.5096,
107.2880

■ 81.6130, 93.0819,
107.8669

■ 89.7197, 97.2554,
108.5008

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.



57.3618, 80.6381, 72.8928



57.4201, 80.6381, 105.4669



62.2730, 80.6381, 140.3660

Triad

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



57.4201, 80.6381, 105.4669



93.2919, 80.6381, 139.6109



82.3098, 80.6381, 40.0532

Complementary

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



57.4201, 80.6381, 105.4669



46.4525, 28.7993, 12.5634

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.



93.0718, 80.6381, 50.3334



57.4201, 80.6381, 105.4669



99.8254, 80.6381, 104.6151

Square

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



57.4201, 80.6381, 105.4669



82.5869, 80.6381, 163.1589



99.7411, 80.6381, 72.2272



70.9934, 80.6381, 40.1734

Rectangle

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



57.4201, 80.6381, 105.4669



67.8773, 80.6381, 157.9706



99.7411, 80.6381, 72.2272



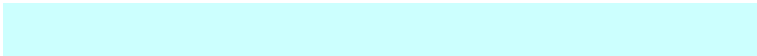
86.1350, 80.6381, 42.2690

Sweetspot

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



57.4213, 80.6387, 105.4684



78.6143, 91.5384, 107.6218



41.6786, 74.3724, 21.1775



16.4129, 19.3800, 23.0008



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.



57.4213, 80.6387, 105.4684



54.9238, 79.3585, 105.0209



37.0797, 39.4433, 100.2668



18.5450, 20.4775, 23.1730



27.8680, 41.0438, 54.5834



2.7163, 3.9974, 5.3298

Inverse Universe

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



46.4525, 28.7993, 12.5634



43.2508, 24.1416, 6.1147



57.0012, 50.0293, 15.6712



18.0182, 17.9906, 18.7129



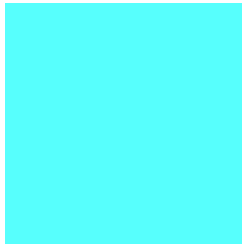
21.5613, 11.1138, 1.0741



2.1023, 1.0833, 0.1201

Previews

White Background



This preview shows how the XYZ color 57.4201, 80.6381, 105.4669 looks on a white background.

Color Contrast Check

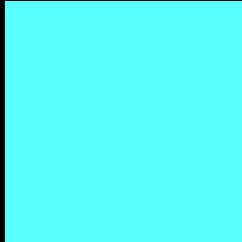
Large Text (above 18pt) WCAG AA × Fail

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 57.4201, 80.6381, 105.4669 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

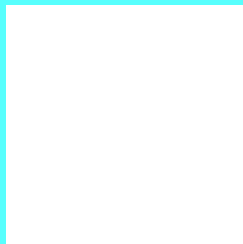
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4201, 80.6381, 105.4669

Background



This preview shows how black text looks on a background with the XYZ color 57.4201, 80.6381, 105.4669.

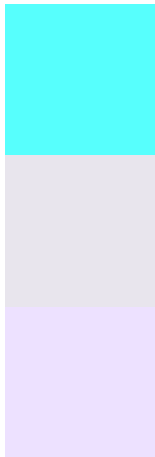


This preview shows how white text looks on a background with the XYZ color 57.4201, 80.6381,

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

57.4201, 80.6381, 105.4669

Protanopia

76.5841, 79.3089, 91.3925

Deuteranopia

79.9003, 79.0750, 105.6595



Tritanopia

66.8952, 79.9791, 106.5195

Trichromacy



Original Color

57.4201, 80.6381, 105.4669



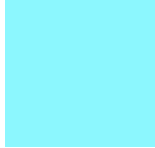
Protanomaly

65.3426, 77.2038, 96.2519



Deuteranomaly

67.1762, 77.0917, 105.1056



Tritanomaly

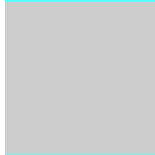
61.9654, 79.2527, 105.7973

Monochromacy



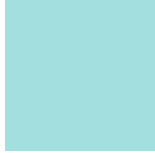
Original Color

57.4201, 80.6381, 105.4669



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.4728, 65.7307, 78.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4201, 80.6381, 105.4669 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(87, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 253)  
}
```

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(87, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 253) }
```

Border

The CSS property to change the border of an element to XYZ 57.4201, 80.6381, 105.4669 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(87, 255, 253) }
```


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

```
.border{ border-color:rgb(87, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(87, 255,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4201, 80.6381, 105.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 253) }
```

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

```
.background{ background-color: rgb(87, 255,  
253) }
```

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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