

Converting Colors

XYZ(59.6698, 85.2715,
100.4132)

Have a look what the booklet for
XYZ(59.6698, 85.2715, 100.4132)
contains.

XYZ(57.4316, 80.7705, 99.7521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4316, 80.7705,
99.7521)**

Conversions

Conversions Part 1

Format	Color
Hex	62FFF6
RGB	98, 255, 246
RGB Percent	38%, 100%, 96%
CMY	0.6157, 0.0000, 0.0353
CMYK	0.62, 0.00, 0.04, 0.00
HSL	177°, 100%, 69%
HSV	177°, 62%, 100%
XYZ	57.4316, 80.7705, 99.7521
YIQ	207.0310, -90.6830, -36.0830

Conversions

Conversions Part 2

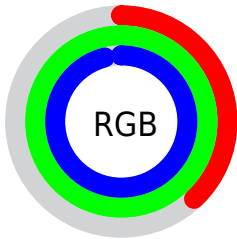
Format	Color
R_{YB}	98, 179, 255
Decimal	6488054
CIE _{Lab}	92.03, -42.94, -7.99
CIE _{LCh}	92, 43.673, 190.539
Yxy	80.7705, 0.2414, 0.3394
Android (android.graphics.Color)	4284678134 (0xFF62FFF6)
YUV	207.0310, 19.2117, -95.6202
Hunter-Lab	89.8724, -43.2090, -2.8971

Details

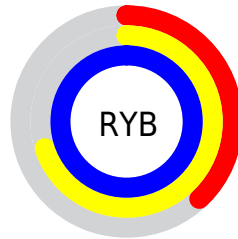
The XYZ color **57.4316, 80.7705, 99.7521** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.2626, 31.0586, 17.3629**, and the grayscale version is **59.2512, 62.3369, 67.8849**.

A 20% lighter version of the original color is **69.1198, 86.6325, 107.6865**, and **29.4883, 44.1059, 55.6743** is the 20% darker color. If you saturate the color by 10%, you get **54.8818, 79.4819, 98.4676**, and if you desaturate by 10%, it is **60.8614, 82.5126, 101.0899**.

Distribution



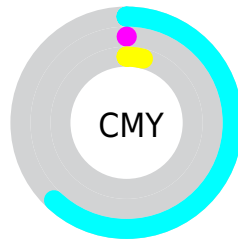
- Red (38%)
- Green (100%)
- Blue (96%)



- Red (38%)
- Yellow (70%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4316, 80.7705, 99.7521 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 57.4316, 80.7705, 99.7521 by changing the saturation by 10% instead.

 57.4316, 80.7705,
99.7521


 57.4316, 80.7705,
99.7521


405.0527,
497.5257, 580.6375

 41.5933, 60.3526,
75.4778


 100.2224,
134.4485, 162.8654

 28.9727, 43.7029,
55.5003


 127.9057,
168.4773, 202.5414

 19.2044, 30.4370,
39.4011


 160.2680,
207.8120, 248.1885

 11.9229, 20.1705,
26.7617

197.6747,
252.8368, 300.2250

 6.7630, 12.5191,
17.1635

240.4912,
303.9362, 359.0697

 3.3594, 7.0982,
10.1879

289.0827,

 1.3465, 3.5236,

361.4945, 425.1409

5.4165

343.8148,
425.8962, 498.8574

■ 0.2176, 1.4108,
2.4307

■ 0.0000, 0.2247,
0.8031

■ 57.4316, 80.7705,
99.7521

■ 57.4316, 80.7705,
99.7521

■ 54.8818, 79.4819,
98.4676

■ 60.8614, 82.5126,
101.0899

■ 53.1222, 78.6004,
97.2279

■ 65.2431, 84.7452,
102.4800

■ 52.0497, 78.0729,
96.0295

■ 70.6450, 87.5036,
103.9271

■ 51.5453, 77.8341,
95.0445

■ 77.1282, 90.8191,
105.4340

■ 84.7490, 94.7210,
107.0036

■ 93.5598, 99.2360,
108.6381

■ 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.



58.1513, 80.7705, 68.9027



57.4316, 80.7705, 99.7521



61.4964, 80.7705, 134.5926

Triad

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



57.4316, 80.7705, 99.7521



91.6828, 80.7705, 143.8341



84.1939, 80.7705, 41.5619

Complementary

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



57.4316, 80.7705, 99.7521



48.2626, 31.0586, 17.3629

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.



94.3836, 80.7705, 53.5534



57.4316, 80.7705, 99.7521



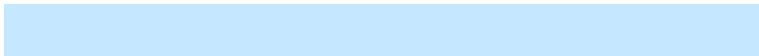
98.9906, 80.7705, 110.2082

Square

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



57.4316, 80.7705, 99.7521



80.7888, 80.7705, 163.8618



100.0246, 80.7705, 77.1090



72.8866, 80.7705, 40.0688

Rectangle

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



57.4316, 80.7705, 99.7521



66.6285, 80.7705, 153.5531



100.0246, 80.7705, 77.1090



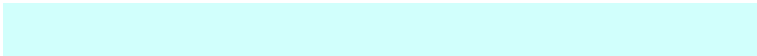
87.8915, 80.7705, 44.3303

Sweetspot

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



57.4327, 80.7711, 99.7536



79.7121, 92.1416, 105.9863



44.2072, 75.6200, 23.8235



16.6080, 19.4899, 22.5888



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.



57.4327, 80.7711, 99.7536



54.3842, 79.2316, 98.1617



40.8519, 45.3451, 101.2071



18.5072, 20.4624, 22.9741



26.9530, 40.6778, 49.7652



2.6375, 3.9659, 4.9148

Inverse Universe

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



48.2626, 31.0586, 17.3629



44.5494, 25.7290, 9.6608



57.0881, 49.4283, 18.0890



18.0516, 18.0039, 18.8888



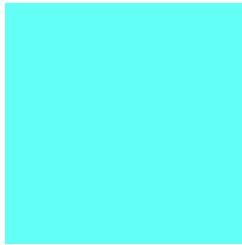
21.6090, 11.1329, 1.3254



2.1181, 1.0896, 0.2036

Previews

White Background



This preview shows how the XYZ color 57.4316, 80.7705, 99.7521 looks on a white background.

Color Contrast Check

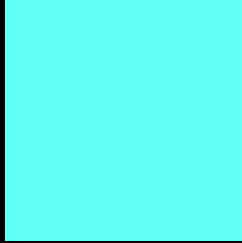
Large Text (above 18pt) WCAG AA × Fail

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 57.4316, 80.7705, 99.7521 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

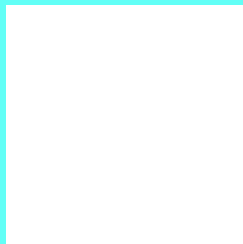
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4316, 80.7705, 99.7521

Background



This preview shows how black text looks on a background with the XYZ color 57.4316, 80.7705, 99.7521.

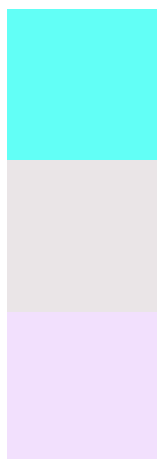


This preview shows how white text looks on a background with the XYZ color 57.4316, 80.7705,

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

57.4316, 80.7705, 99.7521

Protanopia

76.3748, 79.3006, 86.8825

Deuteranopia

81.0032, 79.2804, 103.9618



Tritanopia

67.5562, 80.3199, 106.5504

Trichromacy



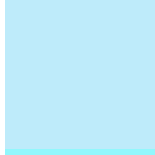
Original Color

57.4316, 80.7705, 99.7521



Protanomaly

65.7224, 77.5195, 90.8557



Deuteranomaly

68.1989, 77.2659, 101.7618



Tritanomaly

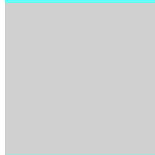
62.6855, 79.6608, 104.1677

Monochromacy



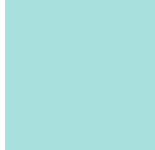
Original Color

57.4316, 80.7705, 99.7521



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.6431, 66.7473, 78.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4316, 80.7705, 99.7521 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(98, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(98, 255, 246)  
}
```

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(98, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.4316, 80.7705, 99.7521 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(98, 255, 246) }
```


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

```
.border{ border-color:rgb(98, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(98, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4316, 80.7705, 99.7521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 255, 246) }
```

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

```
.background{ background-color: rgb(98, 255,  
246) }
```

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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