

Converting Colors

XYZ(57.5677, 57.7334, 95.2983)

Have a look what the booklet for
XYZ(57.5677, 57.7334, 95.2983)
contains.

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Color

**XYZ(57.5677, 57.7334,
95.2983)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC6F6
RGB	188, 198, 246
RGB Percent	74%, 78%, 96%
CMY	0.2627, 0.2235, 0.0353
CMYK	0.24, 0.20, 0.00, 0.04
HSL	230°, 76%, 85%
HSV	230°, 24%, 96%
XYZ	57.5677, 57.7334, 95.2983
YIQ	200.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

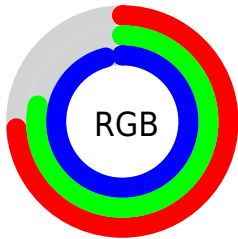
Format	Color
RYB	188, 197, 246
Decimal	12371702
CIELab	80.59, 6.70, -24.78
CIElCh	81, 25.666, 285.142
Yxy	57.7334, 0.2734, 0.2741
Android (android.graphics.Color)	4290561782 (0xFFBCC6F6)
YUV	200.4820, 22.4404, -10.9467
Hunter-Lab	75.9825, 2.2701, -21.1746

Details

The XYZ color **57.5677, 57.7334, 95.2983** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.0793, 83.2148, 59.5781**, and the grayscale version is **55.0737, 57.9418, 63.0986**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.0990, 28.7326, 52.7275** is the 20% darker color. If you saturate the color by 10%, you get **47.6717, 46.1832, 93.5914**, and if you desaturate by 10%, it is **69.1257, 71.0716, 97.2646**.

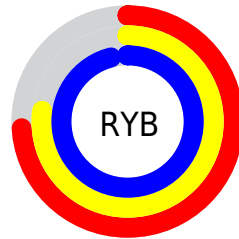
Distribution



Red (74%)

Green (78%)

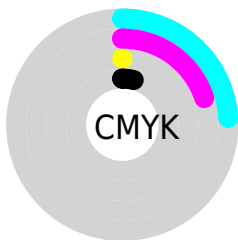
Blue (96%)



Red (74%)

Yellow (77%)

Blue (96%)

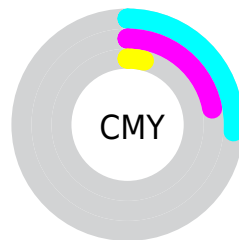


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5677, 57.7334, 95.2983 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 57.5677, 57.7334, 95.2983 by changing the saturation by 10% instead.

■ 57.5677, 57.7334,
95.2983

■ 57.5677, 57.7334,
95.2983

405.5530,
416.1918, 566.1282

■ 41.7031, 41.5944,
71.7850

■ 100.4197,
101.5345, 156.6758

■ 29.0590, 28.7838,
52.4973

128.1377,
129.9654, 195.3770

■ 19.2700, 18.9173,
37.0167

160.5377,
163.2623, 239.9781

■ 11.9707, 11.6106,
24.9245

197.9849,
201.8097, 290.8974

■ 6.7958, 6.4791,
15.8023

240.8446,
245.9920, 348.5535

■ 3.3799, 3.1385,
9.2315

289.4824,

■ 1.3577, 1.2045,

296.1935, 413.3650

4.7936

344.2634,
352.7986, 485.7504

■ 0.2258, 0.0654,
2.0701

■ 0.0000, 0.0000,
0.5979

■ 57.5677, 57.7334,
95.2983

■ 57.5677, 57.7334,
95.2983

■ 47.6717, 46.1832,
93.5914

■ 69.1257, 71.0716,
97.2646

■ 39.3551, 36.3375,
92.1293

■ 82.4123, 86.2628,
99.4965

■ 32.5363, 28.1164,
90.9019

■ 93.6347, 99.4339,
101.4473

■ 27.1242, 21.4308,
89.8967

■ 23.0173, 16.1826,
89.1002

■ 20.1001, 12.2622,
88.4972

■ 18.2350, 9.5422,
88.0705

■ 17.4777, 8.3398,
87.8783

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.3124, 57.7334, 95.3475



57.5677, 57.7334, 95.2983



62.3867, 57.7334, 85.6721

Triad

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



57.5677, 57.7334, 95.2983



62.3480, 57.7334, 44.4280



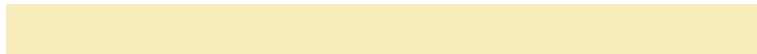
45.6375, 57.7334, 55.6996

Complementary

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



57.5677, 57.7334, 95.2983



77.0793, 83.2148, 59.5781

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.



47.9898, 57.7334, 44.5088



57.5677, 57.7334, 95.2983



57.5176, 57.7334, 38.7460

Square

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



57.5677, 57.7334, 95.2983



65.2646, 57.7334, 55.5714



52.2654, 57.7334, 38.7730



45.6490, 57.7334, 70.7636

Rectangle

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



57.5677, 57.7334, 95.2983



64.6069, 57.7334, 75.8885



52.2654, 57.7334, 38.7730



46.1710, 57.7334, 51.4183

Sweetspot

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



57.5695, 57.7357, 95.2996



84.2524, 87.7049, 107.0959



68.7445, 82.6235, 91.2011



17.8438, 18.5558, 22.8911



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.



57.5695, 57.7357, 95.2996



57.4416, 56.8013, 102.5440



60.1748, 55.7963, 94.7880



15.8121, 16.3885, 20.8725



9.3981, 4.5900, 46.9286



0.8901, 0.5317, 4.1459

Inverse Universe

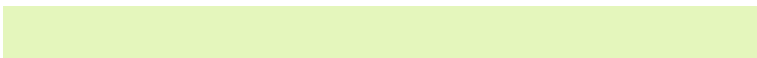
The Inverse Universe completely reimagines the original color for something new.



66.1838, 59.6381, 61.4517



68.2513, 59.3566, 60.0320



73.9128, 85.9776, 60.2783



16.6157, 16.5291, 17.7231



20.5482, 10.5627, 2.3294



1.8384, 0.9413, 0.3752

Previews

White Background



This preview shows how the XYZ color 57.5677, 57.7334, 95.2983 looks on a white background.

Color Contrast Check

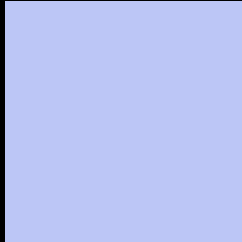
Large Text (above 18pt) WCAG AA × Fail

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 57.5677, 57.7334, 95.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

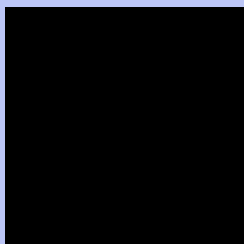
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5677, 57.7334, 95.2983

Background



This preview shows how black text looks on a background with the XYZ color 57.5677, 57.7334, 95.2983.



This preview shows how white text looks on a background with the XYZ color 57.5677, 57.7334,

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

57.5677, 57.7334, 95.2983

Protanopia

57.8149, 57.8608, 95.3099

Deuteranopia

59.1394, 57.8694, 95.2417



Tritanopia

53.6706, 57.8936, 75.3637

Trichromacy



Original Color

57.5677, 57.7334, 95.2983

Protanomaly

57.8149, 57.8608, 95.3099

Deuteranomaly

58.5931, 57.9238, 95.2810

Tritanomaly

55.0371, 57.7447, 82.3738

Monochromacy



Original Color

57.5677, 57.7334, 95.2983

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7128, 57.5924, 73.8257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5677, 57.7334, 95.2983 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(188, 198, 246)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 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(188, 198, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.5677, 57.7334, 95.2983 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(188, 198, 246) }
```


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

```
.border{ border-color:rgb(188, 198, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 246);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5677, 57.7334, 95.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 246) }
```

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

```
.background{ background-color: rgb(188,  
198, 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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