

Converting Colors

XYZ(57.4983, 57.6529,
102.7054)

Have a look what the booklet for
XYZ(57.4983, 57.6529, 102.7054)
contains.

XYZ(57.5355, 57.5533, 102.6842)	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(57.5355, 57.5533,
102.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C6FF
RGB	182, 198, 255
RGB Percent	71%, 78%, 100%
CMY	0.2863, 0.2235, 0.0000
CMYK	0.29, 0.22, 0.00, 0.00
HSL	227°, 100%, 86%
HSV	227°, 29%, 100%
XYZ	57.5355, 57.5533, 102.6842
YIQ	199.7140, -27.8330, 14.3350

Conversions

Conversions Part 2

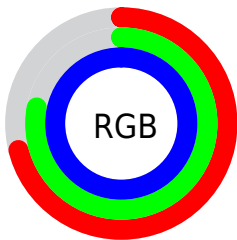
Format	Color
RYB	182, 195, 255
Decimal	11978495
CIELab	80.49, 7.06, -29.77
CIELCh	80, 30.594, 283.340
Yxy	57.5533, 0.2642, 0.2643
Android (android.graphics.Color)	4290168575 (0xFFB6C6FF)
YUV	199.7140, 27.2560, -15.5352
Hunter-Lab	75.8639, 2.6134, -27.1462

Details

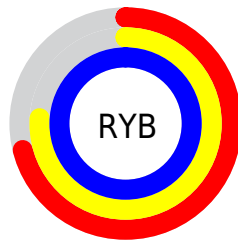
The XYZ color **57.5355, 57.5533, 102.6842** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5501, 86.3701, 56.6834**, and the grayscale version is **54.5754, 57.4175, 62.5277**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.9187, 28.5358, 57.4099** is the 20% darker color. If you saturate the color by 10%, you get **47.7969, 46.2163, 101.0092**, and if you desaturate by 10%, it is **68.9722, 70.6565, 104.6106**.

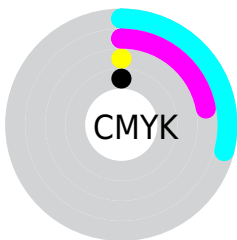
Distribution



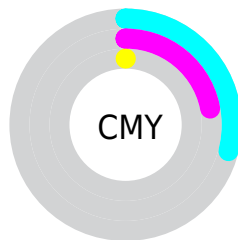
- Red (71%)
- Green (78%)
- Blue (100%)



- Red (71%)
- Yellow (76%)
- Blue (100%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5355, 57.5533, 102.6842 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 57.5355, 57.5533, 102.6842 by changing the saturation by 10% instead.

■ 57.5355, 57.5533,
102.6842

■ 57.5355, 57.5533,
102.6842

405.4347,
415.5194, 590.0846

■ 41.6771, 41.4496,
77.9148

■ 100.3730,
101.2721, 166.9250

■ 29.0386, 28.6706,
57.4879

128.0828,
129.6560, 207.2334

■ 19.2544, 18.8318,
40.9851

160.4739,
162.9021, 253.5586

■ 11.9594, 11.5488,
27.9879

197.9115,
201.3948, 306.3191

■ 6.7880, 6.4372,
18.0776

240.7610,
245.5184, 365.9333

■ 3.3750, 3.1127,
10.8357

289.3878,

■ 1.3550, 1.1909,

295.6575, 432.8200

5.8437

344.1573,
352.1964, 507.3976

■ 0.2239, 0.0542,
2.6830

■ 0.0000, 0.0000,
0.9349

■ 57.5355, 57.5533,
102.6842

■ 57.5355, 57.5533,
102.6842

■ 47.7969, 46.2163,
101.0092

■ 68.9722, 70.6565,
104.6106

■ 39.6687, 36.5618,
99.5741

■ 82.1789, 85.5914,
106.7972

■ 33.0626, 28.5091,
98.3680

95.0500, 100.0000,
108.9000

■ 27.8797, 21.9680,
97.3786

■ 24.0086, 16.8384,
96.5925

■ 21.3198, 13.0073,
95.9947

■ 19.6389, 10.3327,
95.5671

■ 19.4591, 10.0382,
95.5197

Harmonies

Analogous

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



51.3142, 57.5533, 101.9652



57.5355, 57.5533, 102.6842



63.4132, 57.5533, 91.3234

Triad

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



57.5355, 57.5533, 102.6842



63.9606, 57.5533, 41.8065



43.9335, 57.5533, 53.2673

Complementary

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



57.5355, 57.5533, 102.6842



80.5501, 86.3701, 56.6834

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.



46.8288, 57.5533, 40.7343



57.5355, 57.5533, 102.6842



58.2371, 57.5533, 35.0370

Square

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



57.5355, 57.5533, 102.6842



67.3096, 57.5533, 55.0226



51.9644, 57.5533, 34.6863



43.7773, 57.5533, 70.9858

Rectangle

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



57.5355, 57.5533, 102.6842



66.2158, 57.5533, 79.4937



51.9644, 57.5533, 34.6863



44.6080, 57.5533, 48.3979

Sweetspot

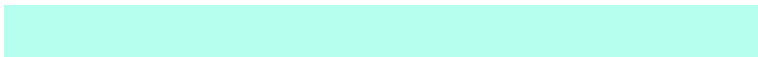
The Sweet Spot groups the original color and five complimentary colors.



57.5372, 57.5555, 102.6845



81.6525, 84.9992, 106.7107



70.4800, 87.6366, 94.0647



17.0437, 17.7055, 22.7691



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.



57.5372, 57.5555, 102.6845



52.0974, 51.2478, 101.7537



58.9923, 53.1599, 101.7594



17.3258, 18.0232, 22.8156



10.2567, 5.4230, 49.9407



1.0750, 0.6807, 4.8880

Inverse Universe

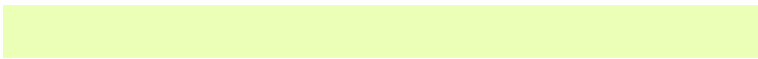
The Inverse Universe completely reimagines the original color for something new.



68.1621, 58.7946, 61.1845



64.3004, 52.9771, 54.0214



78.6414, 92.6508, 57.9963



18.1723, 18.0522, 19.5247



21.9653, 11.2754, 3.2018



2.1772, 1.1133, 0.5147

Previews

White Background



This preview shows how the XYZ color 57.5355, 57.5533, 102.6842 looks on a white background.

Color Contrast Check

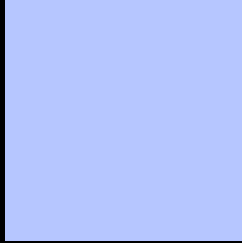
Large Text (above 18pt) WCAG AA × Fail

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 57.5355, 57.5533, 102.6842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

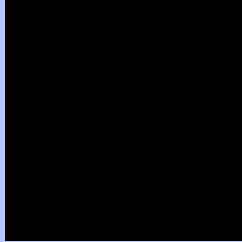
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5355, 57.5533, 102.6842

Background



This preview shows how black text looks on a background with the XYZ color 57.5355, 57.5533, 102.6842.



This preview shows how white text looks on a background with the XYZ color 57.5355, 57.5533,

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

57.5355, 57.5533, 102.6842

Protanopia

57.8632, 57.4025, 101.7960

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

52.3232, 57.5201, 76.7514

Trichromacy



Original Color

57.5355, 57.5533, 102.6842

Protanomaly

57.6228, 57.2786, 101.7848

Deuteranomaly

58.2660, 57.5916, 102.6531

Tritanomaly

54.1886, 57.5892, 85.3506

Monochromacy



Original Color

57.5355, 57.5533, 102.6842

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3340, 57.3516, 75.8637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5355, 57.5533, 102.6842 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(182, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 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(182, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5355, 57.5533, 102.6842 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(182, 198, 255) }
```


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

```
.border{ border-color:rgb(182, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 198, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 198, 255); box-shadow:4px 4px 4px 4px rgb(182, 198, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5355, 57.5533, 102.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 255) }
```

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

```
.background{ background-color: rgb(182,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor