

Converting Colors

XYZ(57.0307, 56.9121, 99.7603)

Have a look what the booklet for
XYZ(57.0307, 56.9121, 99.7603)
contains.

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Color

**XYZ(57.0654, 57.0281,
100.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C5FC
RGB	183, 197, 252
RGB Percent	72%, 77%, 99%
CMY	0.2823, 0.2274, 0.0118
CMYK	0.27, 0.22, 0.00, 0.01
HSL	228°, 92%, 85%
HSV	228°, 27%, 99%
XYZ	57.0654, 57.0281, 100.0953
YIQ	199.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

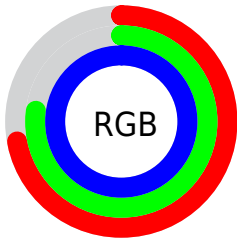
Format	Color
R _Y B	183, 195, 252
Decimal	12043772
CIE Lab	80.20, 7.17, -28.61
CIE LCh	80, 29.499, 284.073
Yxy	57.0281, 0.2664, 0.2663
Android (android.graphics.Color)	4290233852 (0xFFB7C5FC)
YUV	199.0840, 26.0876, -14.1057
Hunter-Lab	75.5170, 2.7313, -25.7251

Details

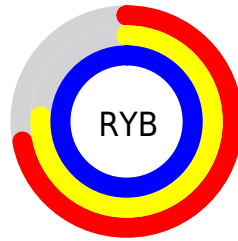
The XYZ color **57.0654, 57.0281, 100.0953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.2675, 85.2640, 57.0813**, and the grayscale version is **54.1958, 57.0183, 62.0929**.

A 20% lighter version of the original color is **89.4270, 96.6289, 108.5457**, and **28.7260, 28.2522, 55.5689** is the 20% darker color. If you saturate the color by 10%, you get **47.3386, 45.6892, 98.4203**, and if you desaturate by 10%, it is **68.4767, 70.1402, 102.0257**.

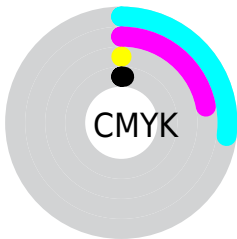
Distribution



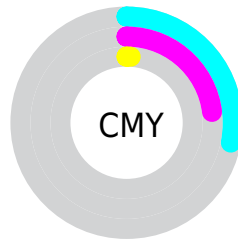
- Red (72%)
- Green (77%)
- Blue (99%)



- Red (72%)
- Yellow (76%)
- Blue (99%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)



- Cyan (28%)
- Magenta (23%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0654, 57.0281, 100.0953 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 57.0654, 57.0281, 100.0953 by changing the saturation by 10% instead.

■ 57.0654, 57.0281,
100.0953

■ 57.0654, 57.0281,
100.0953

403.7045,
413.5546, 581.7475

■ 41.2981, 41.0278,
75.7628

■ 99.6914, 100.5062,
163.3412

■ 28.7408, 28.3408,
55.7325

127.2808,
128.7528, 203.0916

■ 19.0281, 18.5827,
39.5860

159.5417,
161.8502, 248.8184

■ 11.7947, 11.3692,
26.9045

196.8393,
200.1830, 300.9402

■ 6.6753, 6.3157,
17.2697

239.5390,
244.1354, 359.8755

■ 3.3044, 3.0380,
10.2630

288.0062,

■ 1.3167, 1.1516,

294.0919, 426.0427

5.4658

342.6063,
350.4368, 499.8605

■ 0.1957, 0.0216,
2.4596

■ 0.0000, 0.0000,
0.8186

■ 57.0654, 57.0281,
100.0953

■ 57.0654, 57.0281,
100.0953

■ 47.3386, 45.6892,
98.4203

■ 68.4767, 70.1402,
102.0257

■ 39.2095, 36.0394,
96.9861

■ 81.6426, 85.0910,
104.2176

■ 32.5922, 27.9979,
95.7828

■ 94.5709, 99.8083,
106.3769

■ 27.3897, 21.4742,
94.7978

■ 23.4935, 16.3686,
94.0176

■ 20.7784, 12.5682,
93.4272

■ 19.0870, 9.9380,
93.0086

■ 18.7606, 9.4078,
92.9235

Harmonies

Analogous

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



51.0903, 57.0281, 99.7141



57.0654, 57.0281, 100.0953



62.6552, 57.0281, 89.0696

Triad

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



57.0654, 57.0281, 100.0953



62.9473, 57.0281, 41.7816



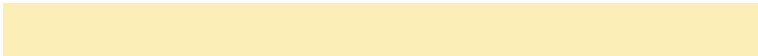
43.8225, 57.0281, 53.4383

Complementary

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



57.0654, 57.0281, 100.0953



79.2675, 85.2640, 57.0813

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.



46.5482, 57.0281, 41.2019



57.0654, 57.0281, 100.0953



57.4406, 57.0281, 35.3721

Square

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



57.0654, 57.0281, 100.0953



66.2174, 57.0281, 54.3812



51.4389, 57.0281, 35.1816



43.7384, 57.0281, 70.5034

Rectangle

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



57.0654, 57.0281, 100.0953



65.2878, 57.0281, 77.7362



51.4389, 57.0281, 35.1816



44.4506, 57.0281, 48.7047

Sweetspot

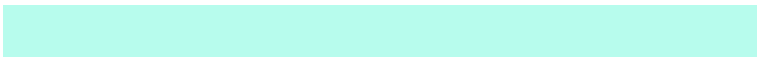
The Sweet Spot groups the original color and five complimentary colors.



57.0672, 57.0304, 100.0966



82.9693, 86.3947, 106.9106



69.6336, 85.8067, 93.0526



17.3015, 17.9746, 22.8075



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.



57.0672, 57.0304, 100.0966



52.7792, 51.7957, 101.8235



59.0120, 53.5305, 99.3186



16.5683, 17.2133, 21.8346



9.8552, 5.0660, 48.4320



0.9843, 0.6123, 4.5095

Inverse Universe

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



67.1580, 58.5954, 60.5962



64.8436, 53.9568, 54.5319



76.7839, 90.2721, 58.1788



17.3886, 17.2828, 18.6362



21.2665, 10.9223, 2.8457



2.0058, 1.0260, 0.4537

Previews

White Background



This preview shows how the XYZ color 57.0654, 57.0281, 100.0953 looks on a white background.

Color Contrast Check

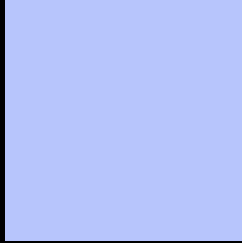
Large Text (above 18pt) WCAG AA × Fail

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 57.0654, 57.0281, 100.0953 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 57.0654, 57.0281, 100.0953

Background



This preview shows how black text looks on a background with the XYZ color 57.0654, 57.0281, 100.0953.



This preview shows how white text looks on a background with the XYZ color 57.0654, 57.0281,

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

57.0654, 57.0281, 100.0953

Protanopia

57.5445, 57.2751, 100.1177

Deuteranopia

58.3210, 57.0056, 100.0248



Tritanopia

52.0466, 57.0565, 75.2877

Trichromacy



Original Color

57.0654, 57.0281, 100.0953

Protanomaly

57.3041, 57.1511, 100.1065

Deuteranomaly

57.8041, 57.0729, 100.0650

Tritanomaly

53.9009, 57.1265, 83.7869

Monochromacy



Original Color

57.0654, 57.0281, 100.0953

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8413, 56.7876, 74.4003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0654, 57.0281, 100.0953 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(183, 197, 252)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 252)  
}
```

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(183, 197, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 252) }
```

Border

The CSS property to change the border of an element to XYZ 57.0654, 57.0281, 100.0953 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(183, 197, 252) }
```


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

```
.border{ border-color:rgb(183, 197, 252) }
```

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

Here you see how a box with a 4 pixel rgb(183, 197, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 252);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0654, 57.0281, 100.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 252) }
```

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

```
.background{ background-color: rgb(183,  
197, 252) }
```

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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