

Converting Colors

XYZ(57.3115, 55.8609, 98.2041)

Have a look what the booklet for
XYZ(57.3115, 55.8609, 98.2041)
contains.

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Color

**XYZ(57.3115, 55.8609,
98.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC1FA
RGB	189, 193, 250
RGB Percent	74%, 76%, 98%
CMY	0.2588, 0.2431, 0.0196
CMYK	0.24, 0.23, 0.00, 0.02
HSL	236°, 86%, 86%
HSV	236°, 24%, 98%
XYZ	57.3115, 55.8609, 98.2041
YIQ	198.3020, -20.6810, 16.8790

Conversions

Conversions Part 2

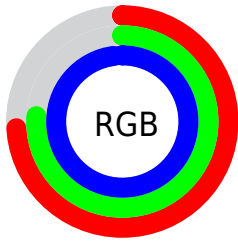
Format	Color
R_{YB}	189, 193, 250
Decimal	12435962
CIE _{Lab}	79.53, 10.63, -28.52
CIE _{LCh}	80, 30.436, 290.435
Yxy	55.8609, 0.2711, 0.2643
Android (android.graphics.Color)	4290626042 (0xFFBDC1FA)
YUV	198.3020, 25.4871, -8.1579
Hunter-Lab	74.7401, 6.0803, -25.5854

Details

The XYZ color **57.3115, 55.8609, 98.2041** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5660, 89.9097, 61.2009**, and the grayscale version is **53.7204, 56.5181, 61.5482**.

A 20% lighter version of the original color is **89.9317, 94.5642, 108.1205**, and **28.9954, 27.7573, 54.2816** is the 20% darker color. If you saturate the color by 10%, you get **46.8740, 43.4112, 96.3521**, and if you desaturate by 10%, it is **69.6372, 70.4974, 100.3805**.

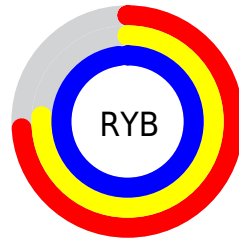
Distribution



Red (74%)

Green (76%)

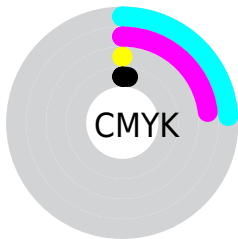
Blue (98%)



Red (74%)

Yellow (76%)

Blue (98%)

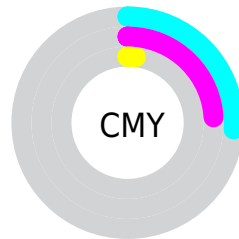


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3115, 55.8609, 98.2041 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 57.3115, 55.8609, 98.2041 by changing the saturation by 10% instead.

■ 57.3115, 55.8609,
98.2041

■ 57.3115, 55.8609,
98.2041

404.6109,
409.1671, 575.6168

■ 41.4965, 40.0914,
74.1931

■ 100.0483, 98.8012,
160.7173

■ 28.8966, 27.6098,
54.4543

127.7008,
126.7407, 200.0565

■ 19.1465, 18.0317,
38.5694

160.0299,
159.5058, 245.3422

■ 11.8808, 10.9728,
26.1196

197.4008,
197.4807, 296.9930

■ 6.7342, 6.0485,
16.6866

240.1791,
241.0499, 355.4272

■ 3.3413, 2.8746,
9.8517

288.7299,

■ 1.3367, 1.0666,

290.5978, 421.0636

5.1964

343.4187,
346.5087, 494.3206

■ 0.2104, 0.0000,
2.3022

■ 0.0000, 0.0000,
0.7325

■ 57.3115, 55.8609,
98.2041

■ 57.3115, 55.8609,
98.2041

■ 46.8740, 43.4112,
96.3521

■ 69.6372, 70.4974,
100.3805

■ 38.2261, 33.0368,
94.8055

■ 83.9321, 87.4114,
102.8918

■ 31.2688, 24.6268,
93.5489

■ 94.2555, 99.6822,
104.7162

■ 25.8910, 18.0571,
92.5642

■ 21.9685, 13.1893,
91.8314

■ 19.3583, 9.8656,
91.3274

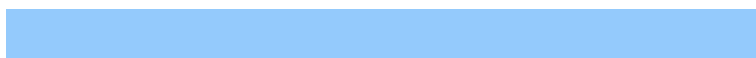
■ 17.8879, 7.8982,
91.0252

■ 17.4468, 7.2848,
90.9300

Harmonies

Analogous

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



51.1618, 55.8609, 100.4968



57.3115, 55.8609, 98.2041



62.6967, 55.8609, 84.9257

Triad

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



57.3115, 55.8609, 98.2041



60.9514, 55.8609, 38.3576



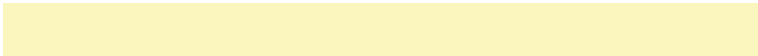
42.3105, 55.8609, 55.3907

Complementary

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



57.3115, 55.8609, 98.2041



81.5660, 89.9097, 61.2009

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.



44.5257, 55.8609, 41.7756



57.3115, 55.8609, 98.2041



55.0745, 55.8609, 33.2654

Square

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



57.3115, 55.8609, 98.2041



64.9078, 55.8609, 49.7943



49.0889, 55.8609, 34.3832



42.8086, 55.8609, 73.3707

Rectangle

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



57.3115, 55.8609, 98.2041



64.9777, 55.8609, 72.8270



49.0889, 55.8609, 34.3832



42.7557, 55.8609, 50.2164

Sweetspot

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



57.3133, 55.8631, 98.2054



83.6932, 86.5865, 106.9095



71.7974, 85.8409, 99.9210



17.7147, 18.2977, 22.8481



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.



57.3133, 55.8631, 98.2054



54.6559, 52.1260, 101.7884



63.6060, 57.8116, 98.2498



16.3744, 16.8257, 21.7700



9.2889, 3.9333, 48.2432



0.8913, 0.4262, 4.4785

Inverse Universe

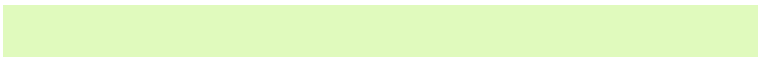
The Inverse Universe completely reimagines the original color for something new.



67.2490, 60.5710, 58.6015



66.6265, 57.8691, 54.0576



73.9785, 87.8246, 61.1984



17.2908, 17.2437, 18.1210



20.9806, 10.8080, 1.3405



1.9588, 1.0073, 0.2065

Previews

White Background



This preview shows how the XYZ color 57.3115, 55.8609, 98.2041 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 57.3115, 55.8609, 98.2041 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 57.3115, 55.8609, 98.2041

Background



This preview shows how black text looks on a background with the XYZ color 57.3115, 55.8609, 98.2041.



This preview shows how white text looks on a background with the XYZ color 57.3115, 55.8609,

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

57.3115, 55.8609, 98.2041

Protanopia

56.4561, 56.0625, 99.1124

Deuteranopia

57.0643, 55.7334, 98.1925



Tritanopia

51.9806, 55.6982, 72.3011

Trichromacy



Original Color

57.3115, 55.8609, 98.2041

Protanomaly

56.7120, 55.8629, 99.0604

Deuteranomaly

57.0643, 55.7334, 98.1925

Tritanomaly

53.9774, 55.8482, 81.3337

Monochromacy



Original Color

57.3115, 55.8609, 98.2041

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.7700, 56.0917, 73.5857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3115, 55.8609, 98.2041 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(189, 193, 250)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 250)  
}
```

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(189, 193, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 250) }
```

Border

The CSS property to change the border of an element to XYZ 57.3115, 55.8609, 98.2041 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(189, 193, 250) }
```


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

```
.border{ border-color:rgb(189, 193, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 193, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 250);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3115, 55.8609, 98.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 250) }
```

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

```
.background{ background-color: rgb(189,  
193, 250) }
```

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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