

Converting Colors

XYZ(57.1948, 55.7925, 98.8577)

Have a look what the booklet for
XYZ(57.1948, 55.7925, 98.8577)
contains.

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Color

**XYZ(57.2216, 55.7963,
99.0207)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1FB
RGB	188, 193, 251
RGB Percent	74%, 76%, 98%
CMY	0.2627, 0.2431, 0.0157
CMYK	0.25, 0.23, 0.00, 0.02
HSL	235°, 89%, 86%
HSV	235°, 25%, 98%
XYZ	57.2216, 55.7963, 99.0207
YIQ	198.1170, -21.5980, 16.9780

Conversions

Conversions Part 2

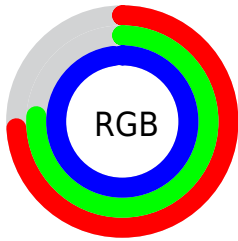
Format	Color
R_{YB}	188, 193, 251
Decimal	12370427
CIE _{Lab}	79.50, 10.56, -29.12
CIE _{LCh}	79, 30.975, 289.941
Yxy	55.7963, 0.2699, 0.2631
Android (android.graphics.Color)	4290560507 (0xFFBCC1FB)
YUV	198.1170, 26.0713, -8.8726
Hunter-Lab	74.6969, 6.0204, -26.3089

Details

The XYZ color **57.2216, 55.7963, 99.0207** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8174, 90.0522, 60.6483**, and the grayscale version is **53.6050, 56.3966, 61.4159**.

A 20% lighter version of the original color is **89.5819, 94.3838, 108.1042**, and **28.9472, 27.7195, 54.8637** is the 20% darker color. If you saturate the color by 10%, you get **46.8525, 43.4520, 97.1855**, and if you desaturate by 10%, it is **69.4678, 70.2956, 101.1749**.

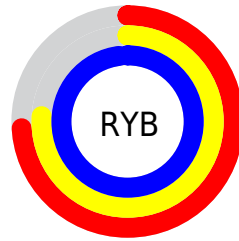
Distribution



Red (74%)

Green (76%)

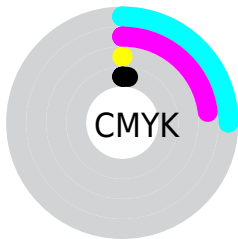
Blue (98%)



Red (74%)

Yellow (76%)

Blue (98%)

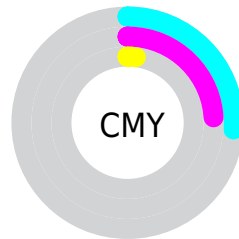


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2216, 55.7963, 99.0207 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 57.2216, 55.7963, 99.0207 by changing the saturation by 10% instead.

■ 57.2216, 55.7963,
99.0207

■ 57.2216, 55.7963,
99.0207

404.2799,
408.9234, 578.2682

■ 41.4240, 40.0396,
74.8706

■ 99.9180, 98.7067,
161.8509

■ 28.8397, 27.5694,
55.0058

127.5474,
126.6292, 201.3680

■ 19.1032, 18.0014,
39.0077

159.8516,
159.3758, 246.8446

■ 11.8494, 10.9510,
26.4579

197.1958,
197.3308, 298.6992

■ 6.7126, 6.0339,
16.9377

239.9453,
240.8787, 357.3503

■ 3.3278, 2.8657,
10.0286

288.4657,

■ 1.3294, 1.0620,

290.4038, 423.2165

5.3120

343.1221,
346.2906, 496.7163

■ 0.2050, 0.0000,
2.3696

■ 0.0000, 0.0000,
0.7698

■ 57.2216, 55.7963,
99.0207

■ 57.2216, 55.7963,
99.0207

■ 46.8525, 43.4520,
97.1855

■ 69.4678, 70.2956,
101.1749

■ 38.2623, 33.1533,
95.6504

■ 83.6717, 87.0390,
103.6580

■ 31.3524, 24.7916,
94.4006

■ 94.4128, 99.7451,
105.5444

■ 26.0121, 18.2452,
93.4185

■ 22.1176, 13.3787,
92.6844

■ 19.5261, 10.0377,
92.1761

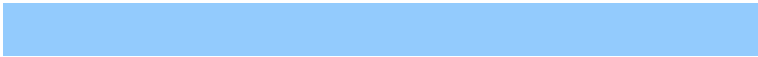
■ 18.0652, 8.0386,
91.8672

■ 17.6616, 7.4628,
91.7774

Harmonies

Analogous

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



50.9690, 55.7963, 101.1531



57.2216, 55.7963, 99.0207



62.7340, 55.7963, 85.5988

Triad

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



57.2216, 55.7963, 99.0207



61.1169, 55.7963, 38.1068



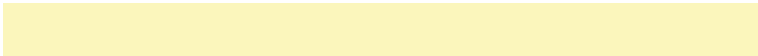
42.0963, 55.7963, 54.9587

Complementary

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



57.2216, 55.7963, 99.0207



81.8174, 90.0522, 60.6483

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.



44.3870, 55.7963, 41.2499



57.2216, 55.7963, 99.0207



55.1514, 55.7963, 32.8596

Square

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



57.2216, 55.7963, 99.0207



65.1020, 55.7963, 49.7930



49.0534, 55.7963, 33.8849



42.5556, 55.7963, 73.2130

Rectangle

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



57.2216, 55.7963, 99.0207



65.0924, 55.7963, 73.2880



49.0534, 55.7963, 33.8849



42.5629, 55.7963, 49.7350

Sweetspot

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



57.2234, 55.7985, 99.0220



82.2377, 84.9314, 106.6668



71.8338, 86.3254, 99.8653



17.1188, 17.6093, 22.7466



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.



57.2234, 55.7985, 99.0220



53.7847, 51.2636, 101.6678



63.2019, 57.2670, 98.9903



16.3937, 16.8643, 21.7764



9.3233, 4.0022, 48.2547



0.9004, 0.4445, 4.4815

Inverse Universe

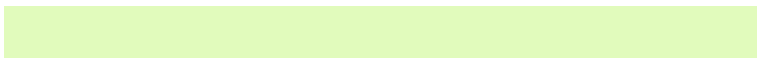
The Inverse Universe completely reimagines the original color for something new.



67.3941, 60.3277, 58.5467



65.9720, 56.7849, 53.1462



74.5491, 88.5938, 60.7499



17.3005, 17.2476, 18.1723



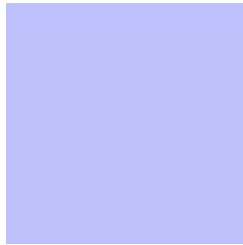
20.9980, 10.8149, 1.4319



1.9634, 1.0091, 0.2308

Previews

White Background



This preview shows how the XYZ color 57.2216, 55.7963, 99.0207 looks on a white background.

Color Contrast Check

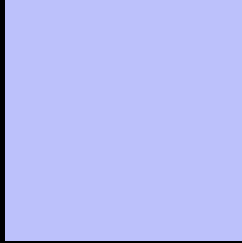
Large Text (above 18pt) WCAG AA × Fail

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 57.2216, 55.7963, 99.0207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

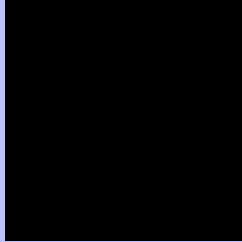
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2216, 55.7963, 99.0207

Background



This preview shows how black text looks on a background with the XYZ color 57.2216, 55.7963, 99.0207.

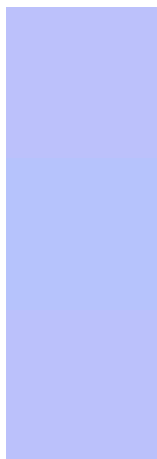


This preview shows how white text looks on a background with the XYZ color 57.2216, 55.7963,

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

57.2216, 55.7963, 99.0207

Protanopia

56.3772, 56.0036, 99.9338

Deuteranopia

56.9761, 55.6698, 99.0092



Tritanopia

51.7452, 55.5769, 72.2901

Trichromacy



Original Color

57.2216, 55.7963, 99.0207

Protanomaly

56.6296, 55.8022, 99.8817

Deuteranomaly

56.9761, 55.6698, 99.0092

Tritanomaly

53.7370, 55.7243, 81.3224

Monochromacy



Original Color

57.2216, 55.7963, 99.0207

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5124, 55.9589, 73.5737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2216, 55.7963, 99.0207 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, 193, 251)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 251)  
}
```

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, 193, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.2216, 55.7963, 99.0207 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, 193, 251) }
```


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

```
.border{ border-color:rgb(188, 193, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 251);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2216, 55.7963, 99.0207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 251) }
```

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

```
.background{ background-color: rgb(188,  
193, 251) }
```

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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