

Converting Colors

XYZ(55.8534, 50.9356,
101.4856)

Have a look what the booklet for
XYZ(55.8534, 50.9356, 101.4856)
contains.

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Color

**XYZ(55.8571, 50.9389,
101.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB4FF
RGB	191, 180, 255
RGB Percent	75%, 71%, 100%
CMY	0.2510, 0.2941, 0.0000
CMYK	0.25, 0.29, 0.00, 0.00
HSL	249°, 100%, 85%
HSV	249°, 29%, 100%
XYZ	55.8571, 50.9389, 101.4959
YIQ	191.8390, -17.5190, 25.6570

Conversions

Conversions Part 2

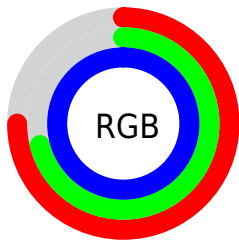
Format	Color
R _Y B	191, 180, 255
Decimal	12563711
CIE Lab	76.64, 19.49, -35.64
CIE LCh	77, 40.624, 298.671
Yxy	50.9389, 0.2682, 0.2446
Android (android.graphics.Color)	4290753791 (0xFFBFB4FF)
YUV	191.8390, 31.1384, -0.7358
Hunter-Lab	71.3715, 14.7984, -34.3550

Details

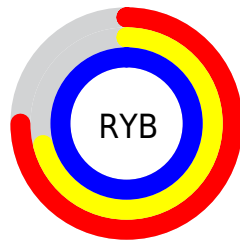
The XYZ color **55.8571, 50.9389, 101.4959** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3072, 94.0487, 57.0500**, and the grayscale version is **49.8419, 52.4376, 57.1045**.

A 20% lighter version of the original color is **86.7569, 87.1674, 106.8601**, and **27.9358, 24.4902, 56.6808** is the 20% darker color. If you saturate the color by 10%, you get **46.1033, 38.9598, 99.6978**, and if you desaturate by 10%, it is **67.3740, 65.2349, 103.6483**.

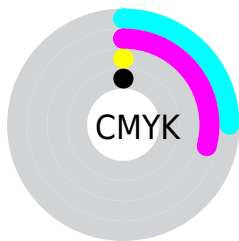
Distribution



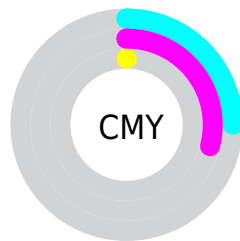
- Red (75%)
- Green (71%)
- Blue (100%)



- Red (75%)
- Yellow (71%)
- Blue (100%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8571, 50.9389, 101.4959 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 55.8571, 50.9389, 101.4959 by changing the saturation by 10% instead.

■ 55.8571, 50.9389,
101.4959

■ 55.8571, 50.9389,
101.4959

399.2365,
390.3264, 586.2657

■ 40.3249, 36.1600,
76.9266

■ 97.9366, 91.5645,
165.2811

■ 27.9773, 24.5578,
56.6814

125.2147,
118.1799, 205.3342

■ 18.4489, 15.7479,
40.3419

157.1388,
149.5096, 251.3855

■ 11.3744, 9.3459,
27.4894

194.0742,
185.9380, 303.8537

■ 6.3884, 4.9675,
17.7054

236.3863,
227.8495, 363.1572

■ 3.1255, 2.2282,
10.5715

284.4405,

■ 1.2205, 0.7353,

275.6284, 429.7147

5.6689

338.6021,
329.6593, 503.9447

■ 0.1225, 0.0000,
2.5793

■ 0.0000, 0.0000,
0.8818

■ 55.8571, 50.9389,
101.4959

■ 55.8571, 50.9389,
101.4959

■ 46.1033, 38.9598,
99.6978

■ 67.3740, 65.2349,
103.6483

■ 38.0202, 29.1693,
98.2341

■ 80.7308, 81.9552,
106.1717

■ 31.5139, 21.4356,
97.0843

95.0500, 100.0000,
108.9000

■ 26.4792, 15.6102,
96.2252

■ 22.7979, 11.5241,
95.6305

■ 20.3323, 8.9785,
95.2691

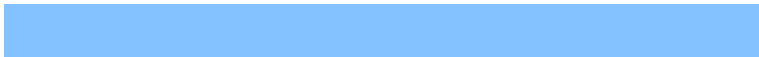
■ 18.8910, 7.6778,
95.0940

■ 18.8273, 7.6207,
95.0864

Harmonies

Analogous

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



48.0740, 50.9389, 109.4406



55.8571, 50.9389, 101.4959



62.1667, 50.9389, 80.5056

Triad

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



55.8571, 50.9389, 101.4959



56.5125, 50.9389, 26.5997



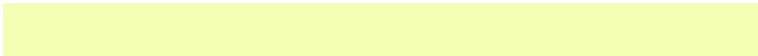
35.0948, 50.9389, 54.4882

Complementary

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



55.8571, 50.9389, 101.4959



81.3072, 94.0487, 57.0500

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.



36.8589, 50.9389, 36.2416



55.8571, 50.9389, 101.4959



48.7594, 50.9389, 23.0018

Square

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



55.8571, 50.9389, 101.4959



62.5724, 50.9389, 37.5367



41.6668, 50.9389, 26.0029



36.5739, 50.9389, 78.3461

Rectangle

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



55.8571, 50.9389, 101.4959



64.3979, 50.9389, 64.1992



41.6668, 50.9389, 26.0029



35.3244, 50.9389, 47.5591

Sweetspot

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



55.8587, 50.9409, 101.4962



81.3191, 82.6944, 106.2834



69.5259, 82.2289, 106.8151



16.9621, 17.1429, 22.6649



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.



55.8587, 50.9409, 101.4962



50.1942, 43.9662, 100.4486



66.2090, 56.2767, 101.9806



17.2509, 17.5055, 22.7196



9.9117, 4.0202, 49.6881



1.0353, 0.4277, 4.8412

Inverse Universe

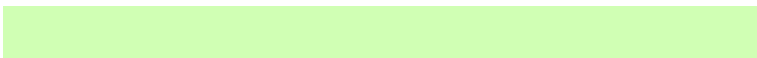
The Inverse Universe completely reimagines the original color for something new.



73.8913, 60.4358, 93.3595



70.8444, 54.8471, 90.7865



69.8714, 88.1533, 56.5148



18.6714, 18.2519, 22.1526



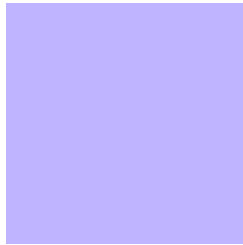
28.1777, 13.7604, 35.9157



2.7734, 1.3517, 3.6543

Previews

White Background



This preview shows how the XYZ color 55.8571, 50.9389, 101.4959 looks on a white background.

Color Contrast Check

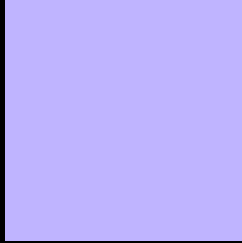
Large Text (above 18pt) WCAG AA × Fail

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 55.8571, 50.9389, 101.4959 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 55.8571, 50.9389, 101.4959

Background



This preview shows how black text looks on a background with the XYZ color 55.8571, 50.9389, 101.4959.

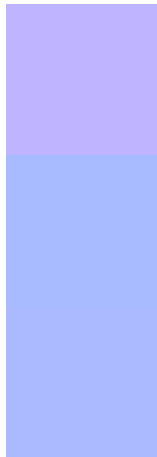


This preview shows how white text looks on a background with the XYZ color 55.8571, 50.9389,

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

55.8571, 50.9389, 101.4959

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.2429, 50.9315, 100.8432



Tritanopia

48.4890, 51.0584, 65.0572

Trichromacy



Original Color

55.8571, 50.9389, 101.4959

Protanomaly

53.3220, 50.8481, 101.6120

Deuteranomaly

53.3900, 50.9017, 100.7770

Tritanomaly

50.8858, 50.7598, 76.9277

Monochromacy



Original Color

55.8571, 50.9389, 101.4959

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.9872, 52.0792, 71.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8571, 50.9389, 101.4959 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(191, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 180, 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(191, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 180, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.8571, 50.9389, 101.4959 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(191, 180, 255) }
```


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

```
.border{ border-color:rgb(191, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 180,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8571, 50.9389, 101.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 180, 255) }
```

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

```
.background{ background-color: rgb(191,  
180, 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](#).

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