

Converting Colors

XYZ(55.7985, 50.0747, 98.8199)

Have a look what the booklet for
XYZ(55.7985, 50.0747, 98.8199)
contains.

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Color

**XYZ(55.7985, 50.0747,
98.8199)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B1FC
RGB	195, 177, 252
RGB Percent	76%, 69%, 99%
CMY	0.2353, 0.3059, 0.0118
CMYK	0.23, 0.30, 0.00, 0.01
HSL	254°, 93%, 84%
HSV	254°, 30%, 99%
XYZ	55.7985, 50.0747, 98.8199
YIQ	190.9320, -13.3470, 27.1410

Conversions

Conversions Part 2

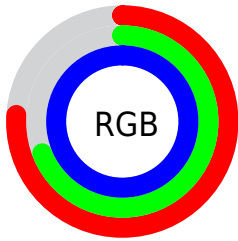
Format	Color
R _Y B	195, 177, 252
Decimal	12825084
CIE Lab	76.12, 21.62, -34.82
CIE LCh	76, 40.983, 301.831
Yxy	50.0747, 0.2726, 0.2446
Android (android.graphics.Color)	4291015164 (0xFFC3B1FC)
YUV	190.9320, 30.1065, 3.5676
Hunter-Lab	70.7635, 16.9149, -33.2630

Details

The XYZ color **55.7985, 50.0747, 98.8199** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.6794, 90.2887, 54.9831**, and the grayscale version is **49.3199, 51.8884, 56.5065**.

A 20% lighter version of the original color is **87.3338, 86.1933, 106.6417**, and **27.8732, 23.9309, 54.7798** is the 20% darker color. If you saturate the color by 10%, you get **46.6380, 38.6339, 97.0953**, and if you desaturate by 10%, it is **66.5161, 63.6848, 100.8829**.

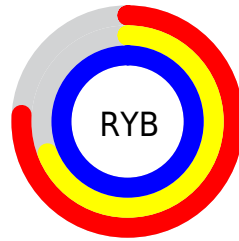
Distribution



Red (76%)

Green (69%)

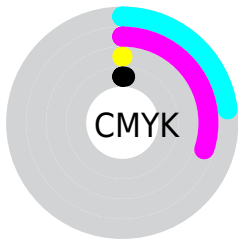
Blue (99%)



Red (76%)

Yellow (69%)

Blue (99%)

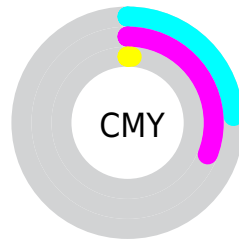


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7985, 50.0747, 98.8199 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 55.7985, 50.0747, 98.8199 by changing the saturation by 10% instead.

■ 55.7985, 50.0747,
98.8199

■ 55.7985, 50.0747,
98.8199

399.0190,
386.9580, 577.6168

■ 40.2778, 35.4728,
74.7040

■ 97.8514, 90.2855,
161.5722

■ 27.9403, 24.0273,
54.8701

125.1143,
116.6632, 201.0457

■ 18.4209, 15.3539,
38.8999

157.0220,
147.7350, 246.4754

■ 11.3541, 9.0681,
26.3746

193.9397,
183.8851, 298.2799

■ 6.3746, 4.7856,
16.8758

236.2330,
225.4981, 356.8778

■ 3.1170, 2.1220,
9.9850

284.2670,

■ 1.2159, 0.6770,

272.9583, 422.6875

5.2835

338.4073,
326.6502, 496.1277

■ 0.1189, 0.0000,
2.3529

■ 0.0000, 0.0000,
0.7606

■ 55.7985, 50.0747,
98.8199

■ 55.7985, 50.0747,
98.8199

■ 46.6380, 38.6339,
97.0953

■ 66.5161, 63.6848,
100.8829

■ 38.9550, 29.2427,
95.6875

■ 78.8553, 79.5633,
103.2974

■ 32.6701, 21.7789,
94.5781

■ 92.8829, 97.8107,
106.0802

■ 27.6941, 16.1045,
93.7451

■ 94.5708, 99.8083,
106.3768

■ 23.9268, 12.0626,
93.1635

■ 21.2517, 9.4678,
92.8036

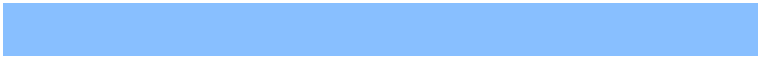
■ 19.4980, 8.0315,
92.6188

■ 19.4633, 8.0040,
92.6153

Harmonies

Analogous

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



48.0671, 50.0747, 108.5259



55.7985, 50.0747, 98.8199



61.8051, 50.0747, 76.9739

Triad

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



55.7985, 50.0747, 98.8199



54.8963, 50.0747, 25.1361



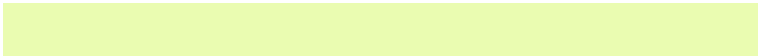
34.3315, 50.0747, 55.8830

Complementary

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



55.7985, 50.0747, 98.8199



76.6794, 90.2887, 54.9831

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.



35.7484, 50.0747, 36.9262



55.7985, 50.0747, 98.8199



47.1250, 50.0747, 22.2811

Square

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



55.7985, 50.0747, 98.8199



61.2461, 50.0747, 35.1535



40.2368, 50.0747, 25.9498



36.1390, 50.0747, 79.9518

Rectangle

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



55.7985, 50.0747, 98.8199



63.7243, 50.0747, 60.7426



40.2368, 50.0747, 25.9498



34.4458, 50.0747, 48.7428

Sweetspot

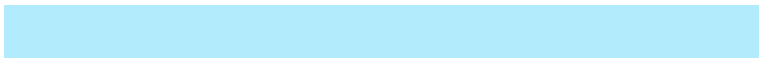
The Sweet Spot groups the original color and five complimentary colors.



55.8002, 50.0767, 98.8210



82.0323, 83.0621, 106.3168



65.2691, 75.5076, 103.2306



17.1365, 17.2328, 22.6730



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.



55.8002, 50.0767, 98.8210



51.2462, 43.8285, 100.3665



66.5731, 55.6303, 99.3252



16.6730, 16.8441, 21.7578



10.2476, 4.2255, 48.2491



1.0397, 0.4380, 4.4729

Inverse Universe

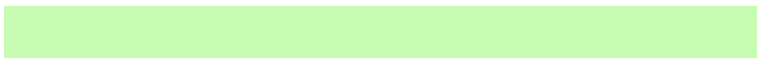
The Inverse Universe completely reimagines the original color for something new.



70.7198, 58.0822, 85.3273



69.0762, 53.4069, 83.7352



65.7737, 84.6667, 54.4728



17.8045, 17.4492, 20.8262



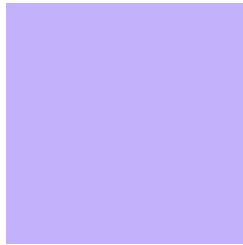
25.9012, 12.7762, 27.2520



2.4401, 1.1998, 2.7410

Previews

White Background



This preview shows how the XYZ color 55.7985, 50.0747, 98.8199 looks on a white background.

Color Contrast Check

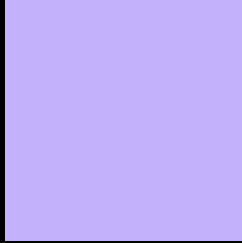
Large Text (above 18pt) WCAG AA × Fail

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 55.7985, 50.0747, 98.8199 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 55.7985, 50.0747, 98.8199

Background



This preview shows how black text looks on a background with the XYZ color 55.7985, 50.0747, 98.8199.



This preview shows how white text looks on a background with the XYZ color 55.7985, 50.0747,

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

55.7985, 50.0747, 98.8199

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.3989, 50.2580, 97.4342



Tritanopia

48.6807, 50.2440, 63.0094

Trichromacy



Original Color

55.7985, 50.0747, 98.8199

Protanomaly

52.7488, 49.9588, 100.6288

Deuteranomaly

52.9629, 50.1242, 98.1503

Tritanomaly

50.8380, 49.8531, 74.6533

Monochromacy



Original Color

55.7985, 50.0747, 98.8199

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.3074, 51.1284, 70.1154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7985, 50.0747, 98.8199 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(195, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 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(195, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.7985, 50.0747, 98.8199 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(195, 177, 252) }
```


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

```
.border{ border-color:rgb(195, 177, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 177, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(195, 177,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7985, 50.0747, 98.8199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 252) }
```

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

```
.background{ background-color: rgb(195,  
177, 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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