

Converting Colors

XYZ(43.6766, 39.8389, 58.9634)

Have a look what the booklet for
XYZ(43.6766, 39.8389, 58.9634)
contains.

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Color

**XYZ(43.5774, 39.6923,
58.7907)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9FC6
RGB	189, 159, 198
RGB Percent	74%, 62%, 78%
CMY	0.2588, 0.3765, 0.2235
CMYK	0.05, 0.20, 0.00, 0.22
HSL	286°, 25%, 70%
HSV	286°, 20%, 78%
XYZ	43.5774, 39.6923, 58.7907
YIQ	172.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

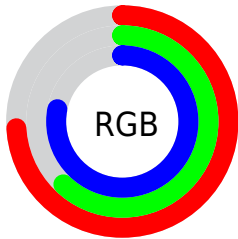
Format	Color
RYB	189, 159, 198
Decimal	12427206
CIELab	69.25, 18.09, -15.88
CIELCh	69, 24.070, 318.730
Yxy	39.6923, 0.3068, 0.2794
Android (android.graphics.Color)	4290617286 (0xFFBD9FC6)
YUV	172.4160, 12.6129, 14.5442
Hunter-Lab	63.0018, 13.2125, -11.2257

Details

The XYZ color **43.5774, 39.6923, 58.7907** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6020, 51.2173, 40.4434**, and the grayscale version is **39.3606, 41.4104, 45.0959**.

A 20% lighter version of the original color is **79.7528, 74.7256, 104.8278**, and **20.2834, 17.6799, 28.7291** is the 20% darker color. If you saturate the color by 10%, you get **39.3261, 32.8454, 57.6938**, and if you desaturate by 10%, it is **48.4122, 47.6517, 60.0728**.

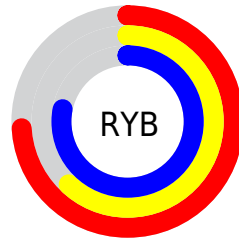
Distribution



Red (74%)

Green (62%)

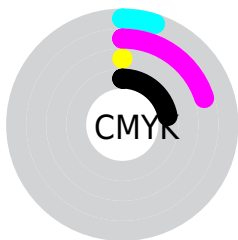
Blue (78%)



Red (74%)

Yellow (62%)

Blue (78%)

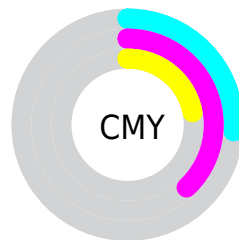


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5774, 39.6923, 58.7907 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 43.5774, 39.6923, 58.7907 by changing the saturation by 10% instead.

■ 43.5774, 39.6923,
58.7907

■ 43.5774, 39.6923,
58.7907

351.8624,
344.8250, 437.8061

■ 30.5349, 27.2987,
42.0258

■ 79.8317, 74.6947,
104.5995

■ 20.3950, 17.7977,
28.7957

■ 103.7743, 98.0724,
134.4805

■ 12.7924, 10.8048,
18.6821

132.0809,
125.8801, 169.5706

■ 7.3618, 5.9358,
11.2663

165.1170,
158.5025, 210.2883

■ 3.7377, 2.8061,
6.1298

203.2478,
196.3237, 257.0521

■ 1.5548, 1.0313,
2.8541

246.8387,

■ 0.3627, 0.0000,

239.7283, 310.2807

1.0206

296.2551,
289.1006, 370.3925

■ 0.0000, 0.0000,
0.0000

■ 43.5774, 39.6923,
58.7907

■ 43.5774, 39.6923,
58.7907

■ 39.3261, 32.8454,
57.6938

■ 48.4122, 47.6517,
60.0728

■ 35.6285, 27.0541,
56.7708

■ 53.8514, 56.7672,
61.5456

■ 32.4574, 22.2637,
56.0133

■ 59.9193, 67.0860,
63.2175

■ 29.7818, 18.4128,
55.4110

■ 66.6376, 78.6513,
65.0957

■ 27.5673, 15.4330,
54.9526

■ 73.0610, 89.5719,
66.8651

■ 25.7748, 13.2465,
54.6250

■ 74.3959, 90.2600,
66.9275

■ 24.3580, 11.7615,
54.4131

■ 75.7683, 90.9675,
66.9918

■ 23.2321, 10.8088,
54.2885

■ 77.1786, 91.6946,
67.0578

■ 23.1994, 10.7822,
54.2851

■ 78.6271, 92.4413,
67.1256

Harmonies

Analogous

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



40.1573, 39.6923, 66.6060



43.5774, 39.6923, 58.7907



45.4742, 39.6923, 47.5021

Triad

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



43.5774, 39.6923, 58.7907



39.1939, 39.6923, 25.5604



31.1317, 39.6923, 50.4007

Complementary

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



43.5774, 39.6923, 58.7907



42.6020, 51.2173, 40.4434

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.



30.9126, 39.6923, 39.1999



43.5774, 39.6923, 58.7907



35.3955, 39.6923, 26.0674

Square

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



43.5774, 39.6923, 58.7907



42.8309, 39.6923, 29.1434



32.4240, 39.6923, 30.6713



33.0444, 39.6923, 61.2214

Rectangle

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



43.5774, 39.6923, 58.7907



45.5389, 39.6923, 40.0751



32.4240, 39.6923, 30.6713



30.8627, 39.6923, 46.5214

Sweetspot

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



43.5786, 39.6940, 58.7916



89.0747, 89.9601, 107.2770



38.5139, 39.4922, 59.0195



18.9317, 19.0313, 22.9255



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.



43.5786, 39.6940, 58.7916



73.5306, 64.3936, 103.1615



44.7221, 40.4174, 52.7965



10.8345, 10.6885, 13.4095



15.1647, 7.0520, 35.3063



0.7782, 0.3649, 1.6746

Inverse Universe

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



42.7561, 39.6310, 42.4438



71.8631, 64.3049, 68.2499



41.6926, 50.6398, 45.3120



10.7325, 10.6764, 11.5746



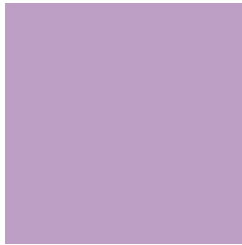
15.4897, 7.9454, 2.5226



0.7623, 0.3877, 0.2713

Previews

White Background



This preview shows how the XYZ color 43.5774, 39.6923, 58.7907 looks on a white background.

Color Contrast Check

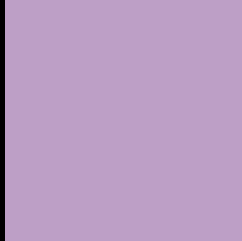
Large Text (above 18pt) WCAG AA × Fail

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 43.5774, 39.6923, 58.7907 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 43.5774, 39.6923, 58.7907

Background



This preview shows how black text looks on a background with the XYZ color 43.5774, 39.6923, 58.7907.



This preview shows how white text looks on a background with the XYZ color 43.5774, 39.6923,

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

43.5774, 39.6923, 58.7907

Protanopia

39.5997, 39.9420, 62.7492

Deuteranopia

40.5464, 39.7121, 58.3515



Tritanopia

41.1834, 39.7681, 46.5797

Trichromacy



Original Color

43.5774, 39.6923, 58.7907

Protanomaly

40.9104, 39.8325, 61.4093

Deuteranomaly

41.5353, 39.6906, 58.2952

Tritanomaly

42.0656, 39.8661, 50.8252

Monochromacy



Original Color

43.5774, 39.6923, 58.7907

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5193, 40.4386, 49.3859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5774, 39.6923, 58.7907 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, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 159, 198)  
}
```

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, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 159, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.5774, 39.6923, 58.7907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

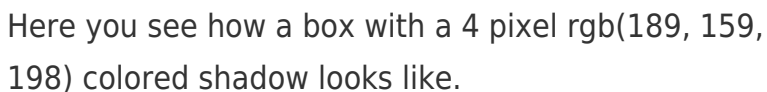
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 159, 198) }
```


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

```
.border{ border-color:rgb(189, 159, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 159, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 159, 198); box-shadow:4px 4px 4px 4px rgb(189, 159, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5774, 39.6923, 58.7907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 159, 198) }
```

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

```
.background{ background-color: rgb(189,  
159, 198) }
```

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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