

Converting Colors

XYZ(45.9340, 43.6796, 59.2589)

Have a look what the booklet for
XYZ(45.9340, 43.6796, 59.2589)
contains.

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Color

**XYZ(45.8669, 43.5295,
59.4107)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA9C6
RGB	191, 169, 198
RGB Percent	75%, 66%, 78%
CMY	0.2510, 0.3372, 0.2235
CMYK	0.04, 0.15, 0.00, 0.22
HSL	286°, 20%, 72%
HSV	286°, 15%, 78%
XYZ	45.8669, 43.5295, 59.4107
YIQ	178.8840, 3.8030, 13.6830

Conversions

Conversions Part 2

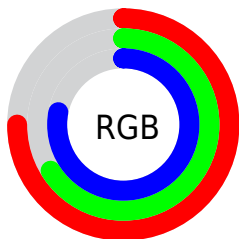
Format	Color
R_{YB}	191, 169, 198
Decimal	12560838
CIE _{Lab}	71.91, 13.25, -11.86
CIE _{LCh}	72, 17.780, 318.177
Yxy	43.5295, 0.3082, 0.2925
Android (android.graphics.Color)	4290750918 (0xFFBFA9C6)
YUV	178.8840, 9.4242, 10.6257
Hunter-Lab	65.9769, 8.6330, -7.2055

Details

The XYZ color **45.8669, 43.5295, 59.4107** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2615, 52.4840, 45.2831**, and the grayscale version is **42.7371, 44.9627, 48.9644**.

A 20% lighter version of the original color is **83.0634, 80.3055, 105.7303**, and **21.7119, 20.0546, 29.1121** is the 20% darker color. If you saturate the color by 10%, you get **41.2767, 36.1038, 58.2200**, and if you desaturate by 10%, it is **51.0568, 52.0948, 60.7911**.

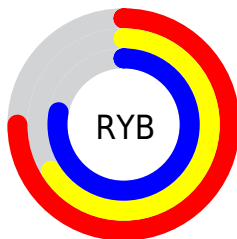
Distribution



Red (75%)

Green (66%)

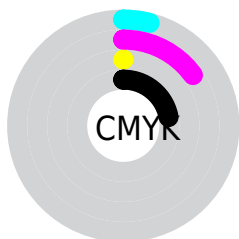
Blue (78%)



Red (75%)

Yellow (66%)

Blue (78%)

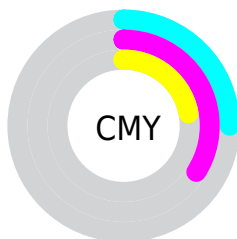


Cyan (4%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8669, 43.5295, 59.4107 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 45.8669, 43.5295, 59.4107 by changing the saturation by 10% instead.

■ 45.8669, 43.5295,
59.4107

■ 45.8669, 43.5295,
59.4107

360.9982,
360.7848, 440.1664

■ 32.3450, 30.3008,
42.5216

■ 83.2489, 80.5093,
105.5093

■ 21.7820, 20.0670,
29.1813

■ 107.8396,
105.0292, 135.5560

■ 13.8125, 12.4438,
18.9713

136.8507,
134.0815, 170.8255

■ 8.0712, 7.0467,
11.4729

170.6474,
168.0508, 211.7366

■ 4.1927, 3.4913,
6.2677

209.5952,
207.3214, 258.7077

■ 1.8117, 1.3933,
2.9371

254.0593,

■ 0.5247, 0.2118,

252.2776, 312.1573

1.0626

304.4052,
303.3040, 372.5040

■ 0.0000, 0.0000,
0.0000

■ 45.8669, 43.5295,
59.4107

■ 45.8669, 43.5295,
59.4107

■ 41.2767, 36.1038,
58.2200

■ 51.0568, 52.0948,
60.7911

■ 37.2568, 29.7618,
57.2077

■ 56.8662, 61.8411,
62.3661

■ 33.7813, 24.4514,
56.3659

■ 63.3188, 72.8145,
64.1441

■ 30.8205, 20.1140,
55.6847

■ 70.4360, 85.0572,
66.1321

■ 28.3419, 16.6849,
55.1535

■ 73.9479, 90.0291,
66.9067

■ 26.3088, 14.0913,
54.7600

■ 75.3712, 90.7628,
66.9733

■ 24.6789, 12.2494,
54.4904

■ 76.8359, 91.5179,
67.0418

■ 23.4010, 11.0571,
54.3276

■ 78.3422, 92.2944,
67.1123

■ 22.8088, 10.5809,
54.2669

■ 79.8905, 93.0926,
67.1848

Harmonies

Analogous

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



43.2170, 43.5295, 65.0742



45.8669, 43.5295, 59.4107



47.3394, 43.5295, 50.8962

Triad

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



45.8669, 43.5295, 59.4107



42.5782, 43.5295, 32.8739



36.0834, 43.5295, 52.7920

Complementary

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



45.8669, 43.5295, 59.4107



45.2615, 52.4840, 45.2831

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.



35.9311, 43.5295, 44.0605



45.8669, 43.5295, 59.4107



39.5832, 43.5295, 33.2503

Square

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



45.8669, 43.5295, 59.4107



45.3797, 43.5295, 36.0219



37.1836, 43.5295, 37.1216



37.6103, 43.5295, 60.9435

Rectangle

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



45.8669, 43.5295, 59.4107



47.4099, 43.5295, 45.0633



37.1836, 43.5295, 37.1216



35.8725, 43.5295, 49.8083

Sweetspot

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



45.8682, 43.5314, 59.4116



90.9819, 93.1999, 107.8019



42.1314, 43.6629, 59.6340



19.3145, 19.6832, 23.0312



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.



45.8682, 43.5314, 59.4116



78.1556, 72.0889, 104.4030



46.8544, 44.1341, 55.1964



10.8233, 10.6827, 13.4090



14.9129, 6.9221, 35.2945



0.7681, 0.3597, 1.6741

Inverse Universe

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



45.3146, 43.5182, 47.0878



77.0071, 72.0869, 77.6904



44.4190, 51.9688, 48.8958



10.7371, 10.6782, 11.5988



15.5180, 7.9568, 2.6718



0.7643, 0.3886, 0.2822

Previews

White Background



This preview shows how the XYZ color 45.8669, 43.5295, 59.4107 looks on a white background.

Color Contrast Check

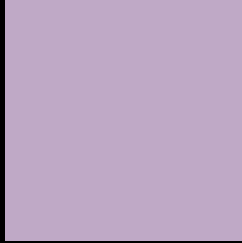
Large Text (above 18pt) WCAG AA × Fail

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 45.8669, 43.5295, 59.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

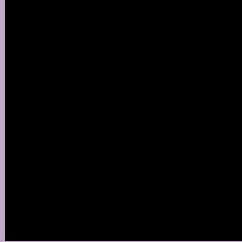
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8669, 43.5295, 59.4107

Background



This preview shows how black text looks on a background with the XYZ color 45.8669, 43.5295, 59.4107.



This preview shows how white text looks on a background with the XYZ color 45.8669, 43.5295,

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

45.8669, 43.5295, 59.4107

Protanopia

43.0039, 43.6949, 62.0445

Deuteranopia

44.5977, 43.7266, 58.9128



Tritanopia

44.3061, 43.4474, 51.9499

Trichromacy



Original Color

45.8669, 43.5295, 59.4107

Protanomaly

44.0766, 43.6879, 61.3679

Deuteranomaly

45.1345, 43.7218, 58.8836

Tritanomaly

44.9042, 43.4143, 54.7283

Monochromacy



Original Color

45.8669, 43.5295, 59.4107

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.7213, 44.2724, 52.6954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8669, 43.5295, 59.4107 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, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 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(191, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 198) }
```

Border

The CSS property to change the border of an element to XYZ 45.8669, 43.5295, 59.4107 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, 169, 198) }
```


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

```
.border{ border-color:rgb(191, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8669, 43.5295, 59.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 198) }
```

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

```
.background{ background-color: rgb(191,  
169, 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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