

Converting Colors

XYZ(39.5280, 33.3521, 59.8690)

Have a look what the booklet for
XYZ(39.5280, 33.3521, 59.8690)
contains.

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Color

**XYZ(39.3589, 33.2119,
59.5944)**

Conversions

Conversions Part 1

Format	Color
Hex	B68DC9
RGB	182, 141, 201
RGB Percent	71%, 55%, 79%
CMY	0.2863, 0.4470, 0.2118
CMYK	0.09, 0.30, 0.00, 0.21
HSL	281°, 36%, 67%
HSV	281°, 30%, 79%
XYZ	39.3589, 33.2119, 59.5944
YIQ	160.0990, 5.1760, 27.3520

Conversions

Conversions Part 2

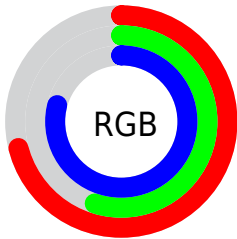
Format	Color
RYB	182, 141, 201
Decimal	11963849
CIELab	64.33, 26.42, -25.09
CIELCh	64, 36.440, 316.477
Yxy	33.2119, 0.2978, 0.2513
Android (android.graphics.Color)	4290153929 (0xFFB68DC9)
YUV	160.0990, 20.1642, 19.2072
Hunter-Lab	57.6298, 21.0565, -20.9704

Details

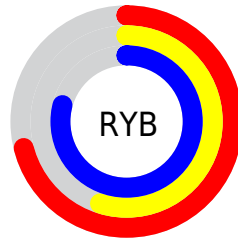
The XYZ color **39.3589, 33.2119, 59.5944** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.1927, 51.1708, 32.9594**, and the grayscale version is **33.3685, 35.1062, 38.2307**.

A 20% lighter version of the original color is **72.8250, 64.4274, 103.2052**, and **17.8247, 14.0081, 29.3681** is the 20% darker color. If you saturate the color by 10%, you get **35.1908, 27.0563, 58.6264**, and if you desaturate by 10%, it is **44.1353, 40.4812, 60.7463**.

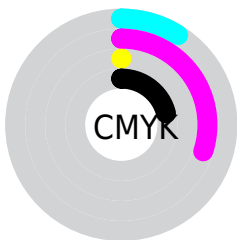
Distribution



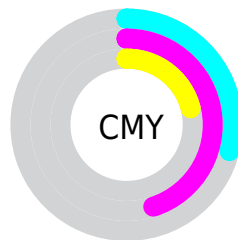
- Red (71%)
- Green (55%)
- Blue (79%)



- Red (71%)
- Yellow (55%)
- Blue (79%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3589, 33.2119, 59.5944 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 39.3589, 33.2119, 59.5944 by changing the saturation by 10% instead.

■ 39.3589, 33.2119,
59.5944

■ 39.3589, 33.2119,
59.5944

334.5949,
316.6035, 440.8642

■ 27.2210, 22.2888,
42.6686

■ 73.4768, 64.7062,
105.7787

■ 17.8767, 14.0693,
29.2957

■ 96.1876, 86.0462,
135.8743

■ 10.9607, 8.1689,
19.0572

■ 123.1534,
111.6274, 171.1969

■ 6.1075, 4.2032,
11.5344

154.7396,
141.8340, 212.1650

■ 2.9518, 1.7879,
6.3088

191.3114,
177.0506, 259.1973

■ 1.1283, 0.4796,
2.9619

233.2344,

■ 0.0486, 0.0000,

217.6614, 312.7123

1.0752

280.8738,
264.0509, 373.1284

■ 0.0000, 0.0000,
0.0000

■ 39.3589, 33.2119,
59.5944

■ 39.3589, 33.2119,
59.5944

■ 35.1908, 27.0563,
58.6264

■ 44.1353, 40.4812,
60.7463

■ 31.5979, 21.9515,
57.8305

■ 49.5446, 48.9143,
62.0889

■ 28.5483, 17.8347,
57.1966

■ 55.6138, 58.5633,
63.6315

■ 26.0057, 14.6345,
56.7129

■ 62.3674, 69.4758,
65.3819

■ 23.9288, 12.2696,
56.3659

■ 69.8286, 81.6968,
67.3475

■ 22.2687, 10.6441,
56.1396

■ 75.8761, 90.9827,
68.8211

■ 20.9358, 9.5798,
56.0045

■ 77.8417, 91.9960,
68.9131

■ 20.9167, 9.5651,
56.0026

■ 79.8816, 93.0476,
69.0086

■ 81.9964, 94.1378,
69.1076

Harmonies

Analogous

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



34.4788, 33.2119, 71.0189



39.3589, 33.2119, 59.5944



42.2822, 33.2119, 43.2556

Triad

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



39.3589, 33.2119, 59.5944



33.9552, 33.2119, 14.9044



22.9419, 33.2119, 44.8767

Complementary

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



39.3589, 33.2119, 59.5944



40.1927, 51.1708, 32.9594

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.



22.8346, 33.2119, 29.8899



39.3589, 33.2119, 59.5944



28.8237, 33.2119, 15.1163

Square

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



39.3589, 33.2119, 59.5944



38.9396, 33.2119, 19.1631



24.8778, 33.2119, 19.8525



25.1890, 33.2119, 61.0576

Rectangle

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



39.3589, 33.2119, 59.5944



42.5412, 33.2119, 33.0371



24.8778, 33.2119, 19.8525



22.6636, 33.2119, 39.4782

Sweetspot

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



39.3600, 33.2133, 59.5951



85.5373, 84.8690, 106.4808



34.2733, 35.3709, 60.2797



17.9985, 17.6772, 22.7134



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.



39.3600, 33.2133, 59.5951



62.5248, 49.6429, 100.8944



43.0172, 35.2302, 53.8238



10.7438, 10.6417, 13.4053



13.2499, 6.0648, 35.2166



0.7000, 0.3246, 1.6709

Inverse Universe

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



39.9585, 34.0067, 37.7170



63.9171, 51.3432, 56.5677



37.4582, 49.6712, 36.8929



10.7699, 10.6914, 11.7718



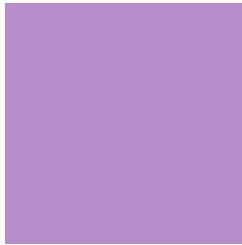
15.7579, 8.0527, 3.9350



0.7793, 0.3946, 0.3610

Previews

White Background



This preview shows how the XYZ color 39.3589, 33.2119, 59.5944 looks on a white background.

Color Contrast Check

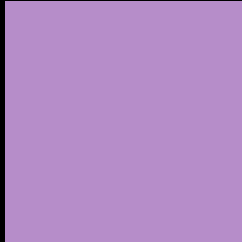
Large Text (above 18pt) WCAG AA × Fail

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 39.3589, 33.2119, 59.5944 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 39.3589, 33.2119, 59.5944

Background



This preview shows how black text looks on a background with the XYZ color 39.3589, 33.2119, 59.5944.



This preview shows how white text looks on a background with the XYZ color 39.3589, 33.2119,

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

39.3589, 33.2119, 59.5944

Protanopia

34.1287, 33.3898, 66.2741

Deuteranopia

34.0945, 33.2955, 58.6625



Tritanopia

34.9971, 33.2631, 37.8336

Trichromacy



Original Color

39.3589, 33.2119, 59.5944

Protanomaly

35.5275, 32.9684, 63.5225

Deuteranomaly

35.8707, 33.2421, 59.1694

Tritanomaly

36.3768, 33.1179, 45.0326

Monochromacy



Original Color

39.3589, 33.2119, 59.5944

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.2775, 34.2024, 45.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3589, 33.2119, 59.5944 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(182, 141, 201)` looks like.

```
.text, #text, p{  
    color:rgb(182, 141, 201)  
}
```

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(182, 141, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 141, 201) }
```

Border

The CSS property to change the border of an element to XYZ 39.3589, 33.2119, 59.5944 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(182, 141, 201) }
```


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

```
.border{ border-color:rgb(182, 141, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 141, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 141, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 141, 201);  
box-shadow:4px 4px 4px 4px rgb(182, 141,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3589, 33.2119, 59.5944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 141, 201) }
```

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

```
.background{ background-color: rgb(182,  
141, 201) }
```

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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