

Converting Colors

XYZ(39.6842, 34.0867, 50.8488)

Have a look what the booklet for
XYZ(39.6842, 34.0867, 50.8488)
contains.

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Color

**XYZ(39.6717, 34.0089,
50.9278)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8FBA
RGB	189, 143, 186
RGB Percent	74%, 56%, 73%
CMY	0.2588, 0.4392, 0.2706
CMYK	0.00, 0.24, 0.02, 0.26
HSL	304°, 26%, 65%
HSV	304°, 24%, 74%
XYZ	39.6717, 34.0089, 50.9278
YIQ	161.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

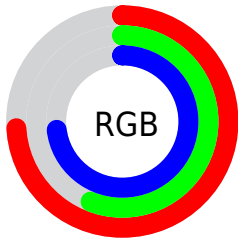
Format	Color
RYB	189, 143, 186
Decimal	12423098
CIELab	64.97, 24.66, -15.65
CIELCh	65, 29.204, 327.606
Yxy	34.0089, 0.3184, 0.2729
Android (android.graphics.Color)	4290613178 (0xFFBD8FBA)
YUV	161.6560, 12.0016, 23.9807
Hunter-Lab	58.3172, 19.3741, -10.9554

Details

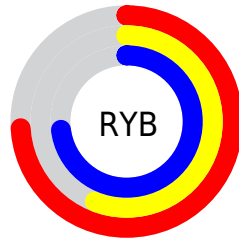
The XYZ color **39.6717, 34.0089, 50.9278** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.7150, 44.3113, 33.9194**, and the grayscale version is **34.1240, 35.9011, 39.0962**.

A 20% lighter version of the original color is **73.9993, 65.9361, 92.8312**, and **18.0525, 14.4986, 24.0374** is the 20% darker color. If you saturate the color by 10%, you get **36.9398, 28.7534, 49.3736**, and if you desaturate by 10%, it is **42.8848, 40.2239, 52.6488**.

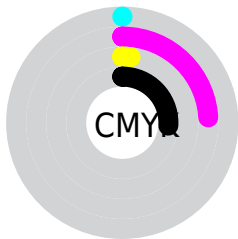
Distribution



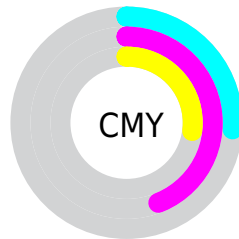
- Red (74%)
- Green (56%)
- Blue (73%)



- Red (74%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (26%)



- Cyan (26%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6717, 34.0089, 50.9278 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 39.6717, 34.0089, 50.9278 by changing the saturation by 10% instead.


 39.6717, 34.0089,
50.9278


 39.6717, 34.0089,
50.9278

335.8961,
320.1717, 407.1217

 27.4657, 22.9004,
35.7748


 73.9509, 65.9475,
92.9584

 18.0617, 14.5200,
23.9720

 96.7548, 87.5464,
120.6732

 11.0943, 8.4832,
15.1009


123.8220,
113.4110, 153.4123

 6.1980, 4.4057,
8.7428

155.5180,
143.9255, 191.5943

 3.0077, 1.9030,
4.4793

192.2080,
179.4745, 235.6377

 1.1578, 0.5502,
1.8918

234.2575,

 0.0727, 0.0000,

220.4423, 285.9610

0.4875

282.0317,
267.2132, 342.9829

■ 0.0000, 0.0000,
0.0000

■ 39.6717, 34.0089,
50.9278

■ 39.6717, 34.0089,
50.9278

■ 36.9398, 28.7534,
49.3736

■ 42.8848, 40.2239,
52.6488

■ 34.6620, 24.4050,
47.9760

■ 46.5983, 47.4383,
54.5417

■ 32.8135, 20.9131,
46.7269

■ 50.8340, 55.6955,
56.6144

■ 31.3654, 18.2205,
45.6170

■ 55.6117, 65.0347,
58.8733

■ 30.2858, 16.2629,
44.6353

■ 60.9500, 75.4933,
61.3247

■ 29.5375, 14.9662,
43.7696

■ 66.4168, 86.2071,
63.8246

■ 29.0757, 14.2407,
43.0049

■ 66.5553, 86.2625,
64.5541

■ 28.8898, 13.9803,
42.5995

■ 66.6950, 86.3184,
65.2896

■ 66.8359, 86.3747,
66.0312

Harmonies

Analogous

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



36.2322, 34.0089, 61.6773



39.6717, 34.0089, 50.9278



41.1286, 34.0089, 38.0093

Triad

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



39.6717, 34.0089, 50.9278



32.6646, 34.0089, 18.3258



25.6537, 34.0089, 48.8762

Complementary

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



39.6717, 34.0089, 50.9278



34.7150, 44.3113, 33.9194

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.



24.8759, 34.0089, 36.0675



39.6717, 34.0089, 50.9278



28.7082, 34.0089, 20.0179

Square

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



39.6717, 34.0089, 50.9278



36.8696, 34.0089, 20.6691



25.9454, 34.0089, 25.9228



28.1691, 34.0089, 60.3231

Rectangle

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



39.6717, 34.0089, 50.9278



40.6922, 34.0089, 30.4362



25.9454, 34.0089, 25.9228



25.1905, 34.0089, 44.5131

Sweetspot

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



39.6727, 34.0104, 50.9285



81.5184, 81.1910, 96.7101



30.7393, 29.3678, 52.1934



17.4424, 17.2890, 20.7527



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.6727, 34.0104, 50.9285



68.4387, 55.8758, 89.7476



37.4838, 33.1348, 39.4015



9.9024, 9.6852, 11.8748



19.4486, 9.4106, 28.7197



0.7700, 0.3719, 1.1681

Inverse Universe

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



39.6727, 34.0104, 50.9285



68.4387, 55.8758, 89.7476



36.6225, 45.0743, 43.9638



9.9024, 9.6852, 11.8748



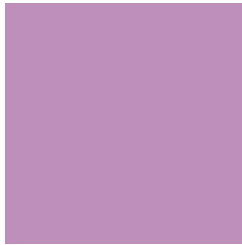
19.4486, 9.4106, 28.7197



0.7700, 0.3719, 1.1681

Previews

White Background



This preview shows how the XYZ color 39.6717, 34.0089, 50.9278 looks on a white background.

Color Contrast Check

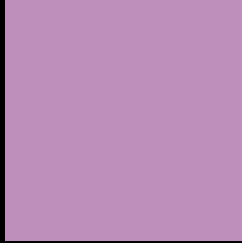
Large Text (above 18pt) WCAG AA × Fail

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 39.6717, 34.0089, 50.9278 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 39.6717, 34.0089, 50.9278

Background



This preview shows how black text looks on a background with the XYZ color 39.6717, 34.0089, 50.9278.



This preview shows how white text looks on a background with the XYZ color 39.6717, 34.0089,

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

39.6717, 34.0089, 50.9278

Protanopia

34.1332, 34.1066, 56.4140

Deuteranopia

34.9053, 34.1490, 50.0991



Tritanopia

36.8555, 33.9973, 37.4205

Trichromacy



Original Color

39.6717, 34.0089, 50.9278

Protanomaly

35.8909, 33.8315, 54.5077

Deuteranomaly

36.4579, 33.9734, 50.5349

Tritanomaly

37.6900, 33.8614, 42.0855

Monochromacy



Original Color

39.6717, 34.0089, 50.9278

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0853, 35.1536, 43.4115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6717, 34.0089, 50.9278 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, 143, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 186)  
}
```

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, 143, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.6717, 34.0089, 50.9278 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, 143, 186) }
```


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

```
.border{ border-color:rgb(189, 143, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6717, 34.0089, 50.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 186) }
```

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

```
.background{ background-color: rgb(189,  
143, 186) }
```

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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