

Converting Colors

XYZ(39.1072, 35.8699, 48.7767)

Have a look what the booklet for
XYZ(39.1072, 35.8699, 48.7767)
contains.

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Color

**XYZ(39.0972, 35.8599,
48.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	B798B5
RGB	183, 152, 181
RGB Percent	72%, 60%, 71%
CMY	0.2823, 0.4039, 0.2902
CMYK	0.00, 0.17, 0.01, 0.28
HSL	304°, 18%, 66%
HSV	304°, 17%, 72%
XYZ	39.0972, 35.8599, 48.5771
YIQ	164.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

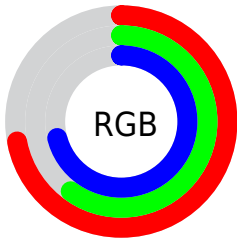
Format	Color
R_{YB}	183, 152, 181
Decimal	12032181
CIE _{Lab}	66.41, 16.63, -10.73
CIE _{LCh}	66, 19.789, 327.160
Yxy	35.8599, 0.3165, 0.2903
Android (android.graphics.Color)	4290222261 (0xFFB798B5)
YUV	164.5750, 8.0975, 16.1587
Hunter-Lab	59.8831, 11.7457, -6.1778

Details

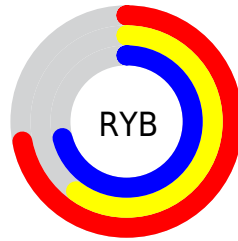
The XYZ color **39.0972, 35.8599, 48.5771** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.7165, 42.8766, 36.9673**, and the grayscale version is **35.5211, 37.3709, 40.6969**.

A 20% lighter version of the original color is **72.9540, 68.6078, 89.5183**, and **17.7559, 15.6117, 22.4996** is the 20% darker color. If you saturate the color by 10%, you get **36.2329, 30.3239, 47.0274**, and if you desaturate by 10%, it is **42.4229, 42.3160, 50.2866**.

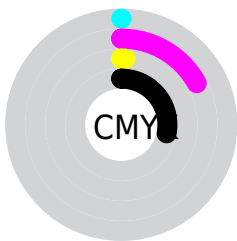
Distribution



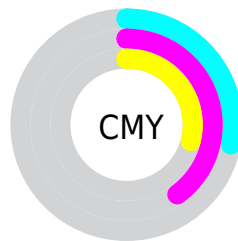
- Red (72%)
- Green (60%)
- Blue (71%)



- Red (72%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0972, 35.8599, 48.5771 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 39.0972, 35.8599, 48.5771 by changing the saturation by 10% instead.


 39.0972, 35.8599,
48.5771

 39.0972, 35.8599,
48.5771

333.5036,
328.3478, 397.6496

 27.0164, 24.3260,
33.9209


 73.0799, 68.8158,
89.4375

 17.7222, 15.5756,
22.5560


 95.7125, 91.0065,
116.4788

 10.8492, 9.2244,
14.0638


122.5932,
117.5184, 148.4855

 6.0321, 4.8878,
8.0258

154.0871,
148.7357, 185.8762

 2.9054, 2.1816,
4.0234

190.5598,
185.0430, 229.0694

 1.1040, 0.7099,
1.6382

232.3765,

 0.0284, 0.0000,

226.8244, 278.4837

0.3179

279.9027,
274.4646, 334.5376

■ 0.0000, 0.0000,
0.0000

■ 39.0972, 35.8599,
48.5771

■ 39.0972, 35.8599,
48.5771

■ 36.2329, 30.3239,
47.0274

■ 42.4229, 42.3160,
50.2866

■ 33.8059, 25.6613,
45.6280

■ 46.2265, 49.7267,
52.1599

■ 31.7946, 21.8286,
44.3723

■ 50.5274, 58.1304,
54.2042

■ 30.1745, 18.7767,
43.2520

■ 55.3431, 67.5621,
56.4252

■ 28.9184, 16.4511,
42.2581

■ 60.6902, 78.0550,
58.8284

■ 27.9957, 14.7905,
41.3803

■ 64.3753, 85.2221,
60.6828

■ 27.3705, 13.7236,
40.6066

■ 64.5032, 85.2732,
61.3566

■ 26.9931, 13.1505,
39.9206

■ 64.6322, 85.3248,
62.0358

■ 26.8977, 13.0150,
39.7183

■ 64.7623, 85.3769,
62.7206

Harmonies

Analogous

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



36.7507, 35.8599, 55.4330



39.0972, 35.8599, 48.5771



40.0954, 35.8599, 39.8592

Triad

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



39.0972, 35.8599, 48.5771



34.3668, 35.8599, 24.9131



29.2627, 35.8599, 46.9756

Complementary

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



39.0972, 35.8599, 48.5771



35.7165, 42.8766, 36.9673

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.



28.7052, 35.8599, 38.2426



39.0972, 35.8599, 48.5771



31.5491, 35.8599, 26.2548

Square

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



39.0972, 35.8599, 48.5771



37.2671, 35.8599, 26.8801



29.5183, 35.8599, 30.8499



31.0871, 35.8599, 54.4183

Rectangle

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



39.0972, 35.8599, 48.5771



39.8213, 35.8599, 34.4272



29.5183, 35.8599, 30.8499



28.9256, 35.8599, 44.0591

Sweetspot

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



39.0983, 35.8615, 48.5779



77.1758, 78.1176, 90.6609



33.0179, 32.7030, 49.3726



16.9451, 17.0579, 19.9739



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.0983, 35.8615, 48.5779



68.1921, 60.6817, 86.0276



37.6363, 35.2767, 40.8792



9.3552, 9.1525, 11.2181



18.7737, 9.0833, 27.7591



0.6694, 0.3232, 1.0185

Inverse Universe

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



39.0983, 35.8615, 48.5779



68.1921, 60.6817, 86.0276



37.0498, 43.4099, 43.9882



9.3552, 9.1525, 11.2181



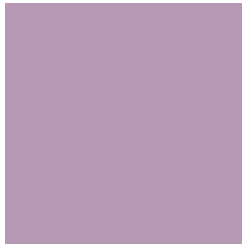
18.7737, 9.0833, 27.7591



0.6694, 0.3232, 1.0185

Previews

White Background



This preview shows how the XYZ color 39.0972, 35.8599, 48.5771 looks on a white background.

Color Contrast Check

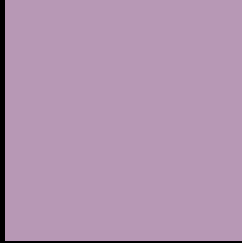
Large Text (above 18pt) WCAG AA × Fail

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 39.0972, 35.8599, 48.5771 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 39.0972, 35.8599, 48.5771

Background



This preview shows how black text looks on a background with the XYZ color 39.0972, 35.8599, 48.5771.



This preview shows how white text looks on a background with the XYZ color 39.0972, 35.8599,

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

39.0972, 35.8599, 48.5771

Protanopia

35.3384, 35.8549, 51.5125

Deuteranopia

36.6574, 35.8442, 48.1666



Tritanopia

37.5867, 35.7250, 41.4738

Trichromacy



Original Color

39.0972, 35.8599, 48.5771

Protanomaly

36.4346, 35.6816, 50.3143

Deuteranomaly

37.4151, 35.7366, 48.1059

Tritanomaly

38.1290, 35.7061, 43.9121

Monochromacy



Original Color

39.0972, 35.8599, 48.5771

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.9347, 36.8525, 43.6947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0972, 35.8599, 48.5771 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(183, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 152, 181)  
}
```

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(183, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 152, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.0972, 35.8599, 48.5771 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(183, 152, 181) }
```


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

```
.border{ border-color:rgb(183, 152, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 152, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 152,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0972, 35.8599, 48.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 152, 181) }
```

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

```
.background{ background-color: rgb(183,  
152, 181) }
```

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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