

Converting Colors

XYZ(38.9000, 29.3855, 48.9691)

Have a look what the booklet for
XYZ(38.9000, 29.3855, 48.9691)
contains.

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Color

**XYZ(38.9000, 29.3855,
48.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	C67AB8
RGB	198, 122, 184
RGB Percent	78%, 48%, 72%
CMY	0.2235, 0.5216, 0.2784
CMYK	0.00, 0.38, 0.07, 0.22
HSL	311°, 40%, 63%
HSV	311°, 38%, 78%
XYZ	38.9000, 29.3855, 48.9691
YIQ	151.7920, 25.3940, 35.3940

Conversions

Conversions Part 2

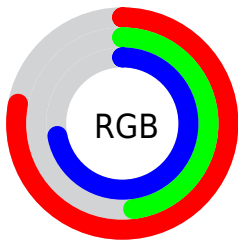
Format	Color
R _Y B	198, 122, 184
Decimal	13007544
CIE Lab	61.12, 38.81, -20.27
CIE LCh	61, 43.785, 332.428
Yxy	29.3855, 0.3318, 0.2506
Android (android.graphics.Color)	4291197624 (0xFFC67AB8)
YUV	151.7920, 15.8785, 40.5244
Hunter-Lab	54.2084, 33.2271, -15.6137

Details

The XYZ color **38.9000, 29.3855, 48.9691** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.6653, 46.3044, 30.5104**, and the grayscale version is **29.6823, 31.2281, 34.0074**.

A 20% lighter version of the original color is **72.4935, 58.6019, 89.9286**, and **17.6777, 11.9848, 22.8543** is the 20% darker color. If you saturate the color by 10%, you get **36.3348, 24.8586, 46.2519**, and if you desaturate by 10%, it is **41.9722, 34.9095, 51.9045**.

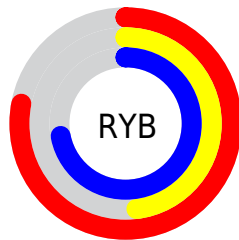
Distribution



Red (78%)

Green (48%)

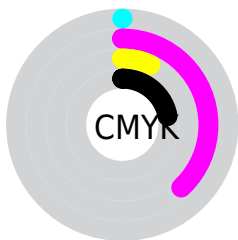
Blue (72%)



Red (78%)

Yellow (48%)

Blue (72%)

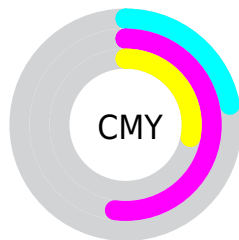


Cyan (0%)

Magenta (38%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9000, 29.3855, 48.9691 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 38.9000, 29.3855, 48.9691 by changing the saturation by 10% instead.

 38.9000, 29.3855,
48.9691


 38.9000, 29.3855,
48.9691

332.6796,
299.0295, 399.2396


 26.8623, 19.3726,
34.2295


 72.7806, 58.6890,
90.0261

 17.6059, 11.9398,
22.7912

 95.3542, 78.7485,
117.1806

 10.7654, 6.7027,
14.2356


 122.1705,
102.9255, 149.3104

 5.9754, 3.2769,
8.1441

153.5948,
131.6047, 186.8343

 2.8707, 1.2779,
4.0982

189.9925,
165.1702, 230.1705

 1.0857, 0.1240,
1.6794

231.7290,

 0.0131, 0.0000,

204.0066, 279.7378

0.3465

279.1696,
248.4983, 335.9547

■ 0.0000, 0.0000,
0.0000

■ 38.9000, 29.3855,
48.9691

■ 38.9000, 29.3855,
48.9691

■ 36.3348, 24.8586,
46.2519

■ 41.9722, 34.9095,
51.9045

■ 34.2434, 21.2643,
43.7407

■ 45.5764, 41.4822,
55.0660

■ 32.5931, 18.5366,
41.4245

■ 49.7393, 49.1562,
58.4630

■ 31.3458, 16.5995,
39.2901

■ 54.4849, 57.9794,
62.1040

■ 30.4566, 15.3633,
37.3223

■ 59.8359, 67.9972,
65.9968

■ 29.8556, 14.6882,
35.4974

■ 65.8135, 79.2520,
70.1489

■ 29.7684, 14.5977,
35.2098

■ 70.6240, 88.1559,
73.9627

■ 71.0824, 88.3393,
76.3769

■ 71.5513, 88.5268,
78.8460

Harmonies

Analogous

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



34.2762, 29.3855, 66.7775



38.9000, 29.3855, 48.9691



40.4715, 29.3855, 30.6752

Triad

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



38.9000, 29.3855, 48.9691



27.4650, 29.3855, 9.6664



19.6117, 29.3855, 52.1146

Complementary

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



38.9000, 29.3855, 48.9691



32.6653, 46.3044, 30.5104

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.



18.2908, 29.3855, 33.3537



38.9000, 29.3855, 48.9691



22.4199, 29.3855, 12.0449

Square

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



38.9000, 29.3855, 48.9691



33.3562, 29.3855, 11.3601



19.2446, 29.3855, 19.4823



23.1267, 29.3855, 68.9885

Rectangle

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



38.9000, 29.3855, 48.9691



39.4244, 29.3855, 21.3881



19.2446, 29.3855, 19.4823



18.9199, 29.3855, 45.6336

Sweetspot

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



38.9009, 29.3868, 48.9697



85.1588, 81.6488, 101.1909



27.2964, 23.2264, 56.4713



18.0168, 17.0876, 21.4877



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.



38.9009, 29.3868, 48.9697



65.0493, 45.2565, 82.6904



35.4429, 28.0036, 30.7599



10.9960, 10.7818, 12.9624



19.3882, 9.5048, 23.0517



0.9404, 0.4590, 1.2094

Inverse Universe

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



38.9009, 29.3868, 48.9697



65.0493, 45.2565, 82.6904



35.8548, 47.5801, 47.3056



10.9960, 10.7818, 12.9624



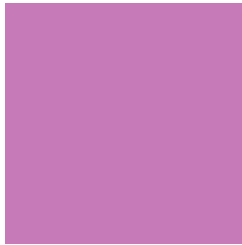
19.3882, 9.5048, 23.0517



0.9404, 0.4590, 1.2094

Previews

White Background



This preview shows how the XYZ color 38.9000, 29.3855, 48.9691 looks on a white background.

Color Contrast Check

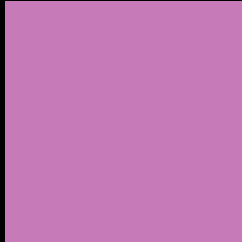
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9000, 29.3855, 48.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

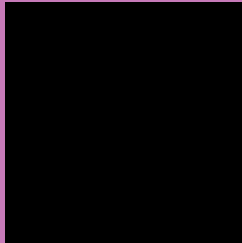
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.9000, 29.3855, 48.9691

Background



This preview shows how black text looks on a background with the XYZ color 38.9000, 29.3855, 48.9691.



This preview shows how white text looks on a background with the XYZ color 38.9000, 29.3855,

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

38.9000, 29.3855, 48.9691

Protanopia

30.4553, 29.7276, 60.0099

Deuteranopia

30.2177, 29.6571, 47.3118



Tritanopia

34.9163, 29.4931, 29.0518

Trichromacy



Original Color

38.9000, 29.3855, 48.9691

Protanomaly

32.5063, 28.8994, 55.4946

Deuteranomaly

32.8032, 29.2268, 47.6285

Tritanomaly

36.3107, 29.4748, 35.6737

Monochromacy



Original Color

38.9000, 29.3855, 48.9691

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.5879, 30.1651, 39.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9000, 29.3855, 48.9691 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(198, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 184)  
}
```

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(198, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.9000, 29.3855, 48.9691 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(198, 122, 184) }
```


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

```
.border{ border-color:rgb(198, 122, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 122, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9000, 29.3855, 48.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 184) }
```

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

```
.background{ background-color: rgb(198,  
122, 184) }
```

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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