

Converting Colors

XYZ(38.9292, 29.6608, 36.4269)

Have a look what the booklet for
XYZ(38.9292, 29.6608, 36.4269)
contains.

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Color

**XYZ(38.9497, 29.6877,
36.4783)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7A9F
RGB	207, 122, 159
RGB Percent	81%, 48%, 62%
CMY	0.1882, 0.5215, 0.3765
CMYK	0.00, 0.41, 0.23, 0.19
HSL	334°, 47%, 65%
HSV	334°, 41%, 81%
XYZ	38.9497, 29.6877, 36.4783
YIQ	151.6330, 38.7830, 29.5270

Conversions

Conversions Part 2

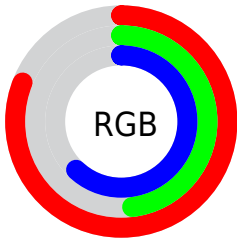
Format	Color
R _Y B	207, 122, 159
Decimal	13597343
CIE Lab	61.38, 37.83, -5.49
CIE LCh	61, 38.230, 351.750
Yxy	29.6877, 0.3705, 0.2824
Android (android.graphics.Color)	4291787423 (0xFFCF7A9F)
YUV	151.6330, 3.6319, 48.5569
Hunter-Lab	54.4864, 32.2498, -1.5538

Details

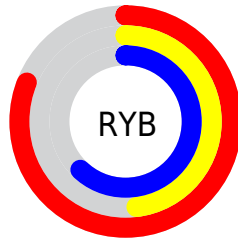
The XYZ color **38.9497, 29.6877, 36.4783** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.5960, 51.6663, 46.0239**, and the grayscale version is **29.6609, 31.2056, 33.9829**.

A 20% lighter version of the original color is **68.9029, 57.1657, 71.0208**, and **17.7225, 12.1685, 15.6020** is the 20% darker color. If you saturate the color by 10%, you get **35.7065, 24.7486, 30.6268**, and if you desaturate by 10%, it is **42.8318, 35.7506, 43.0168**.

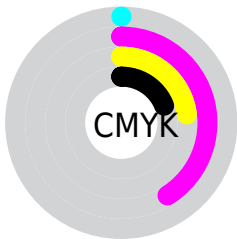
Distribution



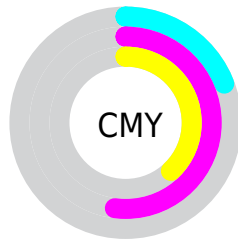
- Red (81%)
- Green (48%)
- Blue (62%)



- Red (81%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9497, 29.6877, 36.4783 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 38.9497, 29.6877, 36.4783 by changing the saturation by 10% instead.


 38.9497, 29.6877,
36.4783


 38.9497, 29.6877,
36.4783


332.8874,
300.4460, 346.1467


 26.9011, 19.6017,
24.5112


 72.8560, 59.1679,
70.9470

 17.6352, 12.1058,
15.4976


 95.4445, 79.3309,
94.2857

 10.7865, 6.8158,
9.0188


 122.2770,
103.6217, 122.2520

 5.9897, 3.3472,
4.6565

153.7189,
132.4247, 155.2645

 2.8794, 1.3156,
1.9920

190.1356,
166.1242, 193.7417

 1.0903, 0.1532,
0.5503

231.8923,

 0.0170, 0.0000,

205.1046, 238.1021

0.0000

279.3545,
249.7505, 288.7642

■ 0.0000, 0.0000,
0.0000

■ 38.9497, 29.6877,
36.4783

■ 38.9497, 29.6877,
36.4783

■ 35.7065, 24.7486,
30.6268

■ 42.8318, 35.7506,
43.0168

■ 33.0625, 20.8587,
25.4350

■ 47.3845, 42.9973,
50.2645

■ 30.9769, 17.9408,
20.8760


■ 52.6403, 51.4886,
58.2446

■ 29.4026, 15.9052,
16.9199


■ 58.6287, 61.2798,
66.9786


■ 28.2838, 14.6454,
13.5329

■ 65.3776, 72.4230,
76.4870

 27.5820, 14.0054,
10.9447

 72.9133, 84.9673,
86.7895

 77.3442, 91.1263,
96.5996

 79.1457, 91.8468,
106.0860

 79.5423, 92.0055,
108.1743

Harmonies

Analogous

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



36.5432, 29.6877, 52.7599



38.9497, 29.6877, 36.4783



38.2224, 29.6877, 23.0827

Triad

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



38.9497, 29.6877, 36.4783



24.7725, 29.6877, 12.7753



22.6267, 29.6877, 59.4254

Complementary

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



38.9497, 29.6877, 36.4783



37.5960, 51.6663, 46.0239

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.



20.1308, 29.6877, 43.7536



38.9497, 29.6877, 36.4783



21.2630, 29.6877, 17.9932

Square

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



38.9497, 29.6877, 36.4783



29.6325, 29.6877, 11.8863



19.6632, 29.6877, 28.4993



26.8478, 29.6877, 68.3599

Rectangle

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



38.9497, 29.6877, 36.4783



36.0925, 29.6877, 17.1277



19.6632, 29.6877, 28.4993



21.5800, 29.6877, 54.5828

Sweetspot

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



38.9506, 29.6891, 36.4789



83.3947, 80.9431, 91.9009



34.5319, 26.8331, 62.3911



17.6009, 16.9212, 19.2977



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.



38.9506, 29.6891, 36.4789



57.9268, 40.7176, 50.3937



36.7390, 29.6578, 22.2023



12.0194, 11.8925, 13.3778



17.4235, 8.8422, 7.1361



1.0137, 0.5102, 0.6070

Inverse Universe

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



38.9506, 29.6891, 36.4789



57.9268, 40.7176, 50.3937



40.5865, 51.2372, 66.7825



12.0194, 11.8925, 13.3778



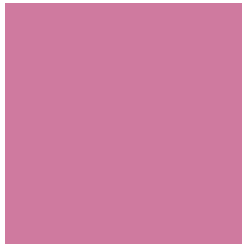
17.4235, 8.8422, 7.1361



1.0137, 0.5102, 0.6070

Previews

White Background



This preview shows how the XYZ color 38.9497, 29.6877, 36.4783 looks on a white background.

Color Contrast Check

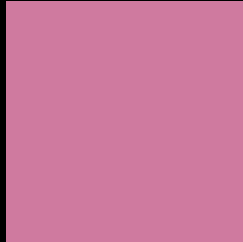
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9497, 29.6877, 36.4783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

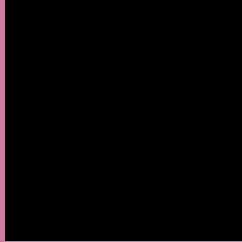
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.9497, 29.6877, 36.4783

Background



This preview shows how black text looks on a background with the XYZ color 38.9497, 29.6877, 36.4783.



This preview shows how white text looks on a background with the XYZ color 38.9497, 29.6877,

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

38.9497, 29.6877, 36.4783

Protanopia

29.4993, 29.8022, 44.7551

Deuteranopia

30.3869, 29.7867, 35.1582



Tritanopia

37.0816, 29.6784, 27.0666

Trichromacy



Original Color

38.9497, 29.6877, 36.4783

Protanomaly

31.9758, 29.1485, 41.4770

Deuteranomaly

32.9364, 29.3557, 35.3828

Tritanomaly

37.8213, 29.8027, 30.1446

Monochromacy



Original Color

38.9497, 29.6877, 36.4783

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.4545, 30.1870, 35.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9497, 29.6877, 36.4783 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(207, 122, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 159)  
}
```

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(207, 122, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.9497, 29.6877, 36.4783 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(207, 122, 159) }
```


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

```
.border{ border-color:rgb(207, 122, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 122, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 159);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9497, 29.6877, 36.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 159) }
```

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

```
.background{ background-color: rgb(207,  
122, 159) }
```

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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