

Converting Colors

XYZ(36.0948, 29.5906, 47.0399)

Have a look what the booklet for
XYZ(36.0948, 29.5906, 47.0399)
contains.

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Color

**XYZ(35.9880, 29.4509,
46.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	B882B4
RGB	184, 130, 180
RGB Percent	72%, 51%, 71%
CMY	0.2784, 0.4902, 0.2941
CMYK	0.00, 0.29, 0.02, 0.28
HSL	304°, 28%, 62%
HSV	304°, 29%, 72%
XYZ	35.9880, 29.4509, 46.9678
YIQ	151.8460, 16.1340, 26.9980

Conversions

Conversions Part 2

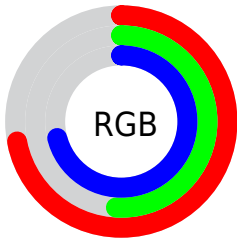
Format	Color
RYB	184, 130, 180
Decimal	12092084
CIELab	61.18, 29.06, -18.05
CIELCh	61, 34.211, 328.154
Yxy	29.4509, 0.3202, 0.2620
Android (android.graphics.Color)	4290282164 (0xFFB882B4)
YUV	151.8460, 13.8799, 28.1991
Hunter-Lab	54.2687, 23.4012, -13.3255

Details

The XYZ color **35.9880, 29.4509, 46.9678** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.6507, 40.7490, 28.8058**, and the grayscale version is **29.7166, 31.2642, 34.0467**.

A 20% lighter version of the original color is **68.5564, 59.0379, 87.1390**, and **15.9053, 12.0155, 21.5596** is the 20% darker color. If you saturate the color by 10%, you get **33.6181, 24.9317, 45.4963**, and if you desaturate by 10%, it is **38.7988, 34.8485, 48.5936**.

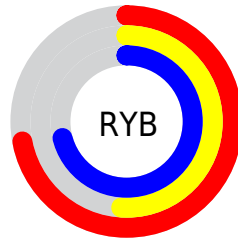
Distribution



Red (72%)

Green (51%)

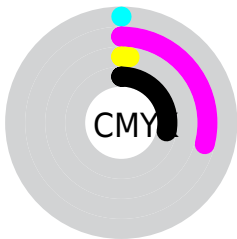
Blue (71%)



Red (72%)

Yellow (51%)

Blue (71%)

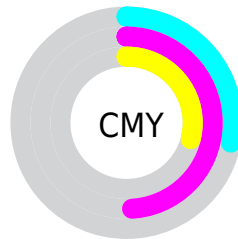


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9880, 29.4509, 46.9678 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 35.9880, 29.4509, 46.9678 by changing the saturation by 10% instead.


 35.9880, 29.4509,
46.9678


 35.9880, 29.4509,
46.9678

320.3402,
299.3365, 391.0760

 24.5950, 19.4222,
32.6560


 68.3375, 58.7927,
87.0150

 15.9027, 11.9757,
21.5941


 90.0248, 78.8746,
113.5876

 9.5457, 6.7272,
13.3635


 115.8741,
103.0763, 145.0841

 5.1588, 3.2921,
7.5457

146.2510,
131.7823, 181.9233

 2.3764, 1.2860,
3.7221

181.5207,
165.3769, 224.5235

 0.8333, 0.1304,
1.4741

222.0485,

 0.0000, 0.0000,

204.2446, 273.3033

0.1986

268.1999,
248.7696, 328.6813

■ 0.0000, 0.0000,
0.0000

■ 35.9880, 29.4509,
46.9678

■ 35.9880, 29.4509,
46.9678

■ 33.6181, 24.9317,
45.4963

■ 38.7988, 34.8485,
48.5936

■ 31.6629, 21.2403,
44.1695

■ 42.0692, 41.1639,
50.3791

■ 30.0979, 18.3272,
42.9794

■ 45.8204, 48.4386,
52.3316

■ 28.8948, 16.1355,
41.9166

■ 50.0714, 56.7105,
54.4575

■ 28.0214, 14.6012,
40.9704

■ 54.8400, 66.0156,
56.7627

■ 27.4399, 13.6486,
40.1282

■ 60.1433, 76.3879,
59.2531

■ 27.0796, 13.1363,
39.3663

■ 64.7718, 85.4082,
61.5253

■ 27.0581, 13.1068,
39.3174

■ 64.9211, 85.4679,
62.3113

■ 65.0717, 85.5282,
63.1047

Harmonies

Analogous

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



32.2681, 29.4509, 59.1910



35.9880, 29.4509, 46.9678



37.5416, 29.4509, 32.8704

Triad

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



35.9880, 29.4509, 46.9678



28.2713, 29.4509, 13.1546



21.0473, 29.4509, 45.2104

Complementary

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



35.9880, 29.4509, 46.9678



30.6507, 40.7490, 28.8058

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.



20.2173, 29.4509, 31.2769



35.9880, 29.4509, 46.9678



24.1118, 29.4509, 14.8297

Square

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



35.9880, 29.4509, 46.9678



32.8007, 29.4509, 15.3112



21.2782, 29.4509, 20.7070



23.6782, 29.4509, 58.0002

Rectangle

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



35.9880, 29.4509, 46.9678



37.0266, 29.4509, 24.9615



21.2782, 29.4509, 20.7070



20.5617, 29.4509, 40.4072

Sweetspot

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



35.9889, 29.4522, 46.9684



76.3853, 74.8605, 91.3909



26.4036, 24.4630, 48.6782



16.2701, 15.7572, 19.5968



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.



35.9889, 29.4522, 46.9684



62.4665, 48.0953, 83.4453



33.5337, 28.4701, 34.0396



9.3514, 9.1509, 11.1981



18.6594, 9.0375, 27.1570



0.6664, 0.3220, 1.0027

Inverse Universe

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



35.9889, 29.4522, 46.9684



62.4665, 48.0953, 83.4453



32.7453, 41.5868, 39.8359



9.3514, 9.1509, 11.1981



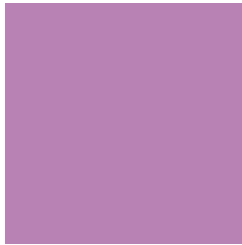
18.6594, 9.0375, 27.1570



0.6664, 0.3220, 1.0027

Previews

White Background



This preview shows how the XYZ color 35.9880, 29.4509, 46.9678 looks on a white background.

Color Contrast Check

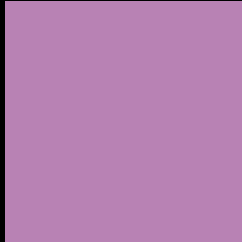
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9880, 29.4509, 46.9678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

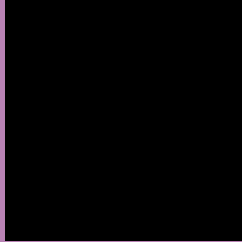
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9880, 29.4509, 46.9678

Background



This preview shows how black text looks on a background with the XYZ color 35.9880, 29.4509, 46.9678.



This preview shows how white text looks on a background with the XYZ color 35.9880, 29.4509,

46.9678.

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

35.9880, 29.4509, 46.9678

Protanopia

29.9467, 29.5978, 54.0038

Deuteranopia

30.2740, 29.7210, 45.7361



Tritanopia

32.8930, 29.4182, 31.5484

Trichromacy



Original Color

35.9880, 29.4509, 46.9678

Protanomaly

31.5921, 29.1593, 51.5402

Deuteranomaly

32.1119, 29.5476, 46.1303

Tritanomaly

33.8392, 29.3772, 36.6877

Monochromacy



Original Color

35.9880, 29.4509, 46.9678

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.8047, 30.4477, 38.3831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9880, 29.4509, 46.9678 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(184, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 130, 180)  
}
```

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(184, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 130, 180) }
```

Border

The CSS property to change the border of an element to XYZ 35.9880, 29.4509, 46.9678 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(184, 130, 180) }
```


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

```
.border{ border-color:rgb(184, 130, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 130, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 130,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9880, 29.4509, 46.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 130, 180) }
```

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

```
.background{ background-color: rgb(184,  
130, 180) }
```

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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