

Converting Colors

XYZ(35.7496, 28.8195, 47.8221)

Have a look what the booklet for
XYZ(35.7496, 28.8195, 47.8221)
contains.

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Color

**XYZ(35.9298, 29.0061,
47.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	B880B6
RGB	184, 128, 182
RGB Percent	72%, 50%, 71%
CMY	0.2784, 0.4980, 0.2863
CMYK	0.00, 0.30, 0.01, 0.28
HSL	302°, 28%, 61%
HSV	302°, 30%, 72%
XYZ	35.9298, 29.0061, 47.9610
YIQ	150.9000, 16.0420, 28.6660

Conversions

Conversions Part 2

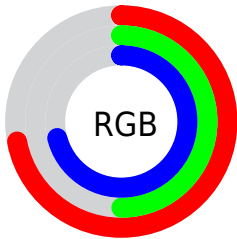
Format	Color
RYB	184, 128, 182
Decimal	12091574
CIELab	60.79, 30.55, -19.78
CIElCh	61, 36.395, 327.075
Yxy	29.0061, 0.3183, 0.2569
Android (android.graphics.Color)	4290281654 (0xFFB880B6)
YUV	150.9000, 15.3323, 29.0287
Hunter-Lab	53.8573, 24.8323, -15.0988

Details

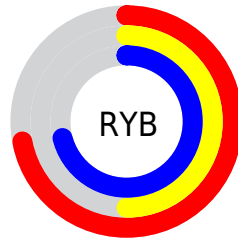
The XYZ color **35.9298, 29.0061, 47.9610** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.0730, 40.4827, 27.3496**, and the grayscale version is **29.3052, 30.8313, 33.5753**.

A 20% lighter version of the original color is **68.4362, 58.3297, 88.5407**, and **15.8928, 11.7796, 22.2049** is the 20% darker color. If you saturate the color by 10%, you get **33.6765, 24.6074, 46.8759**, and if you desaturate by 10%, it is **38.6204, 34.2778, 49.1941**.

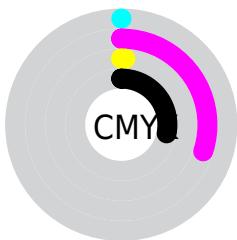
Distribution



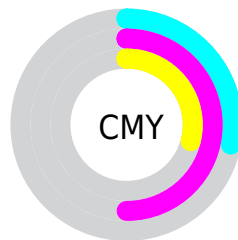
- Red (72%)
- Green (50%)
- Blue (71%)



- Red (72%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (28%)





- Cyan (28%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9298, 29.0061, 47.9610 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 35.9298, 29.0061, 47.9610 by changing the saturation by 10% instead.


 35.9298, 29.0061,
47.9610


 35.9298, 29.0061,
47.9610


320.0902,
297.2437, 395.1418


 24.5498, 19.0854,
33.4362


 68.2483, 58.0868,
88.5113

 15.8689, 11.7320,
22.1870

 89.9175, 78.0156,
115.3739

 9.5217, 6.5615,
13.7947


 115.7472,
102.0492, 147.1861

 5.1428, 3.1894,
7.8409

146.1027,
130.5721, 184.3667

 2.3669, 1.2314,
3.9070

181.3494,
163.9686, 227.3339

 0.8286, 0.0871,
1.5745

221.8527,

 0.0000, 0.0000,

202.6231, 276.5065

0.2725

267.9778,
246.9200, 332.3029

■ 0.0000, 0.0000,
0.0000

■ 35.9298, 29.0061,
47.9610

■ 35.9298, 29.0061,
47.9610

■ 33.6765, 24.6074,
46.8759

■ 38.6204, 34.2778,
49.1941

■ 31.8343, 21.0309,
45.9290

■ 41.7674, 40.4623,
50.5806

■ 30.3783, 18.2263,
45.1124

■ 45.3920, 47.6015,
52.1279

■ 29.2798, 16.1363,
44.4166

■ 49.5132, 55.7334,
53.8423

■ 28.5062, 14.6956,
43.8307

■ 54.1492, 64.8943,
55.7299

■ 28.0190, 13.8270,
43.3418

■ 59.3170, 75.1184,
57.7963

■ 27.7460, 13.3819,
42.9398

■ 64.4544, 85.2813,
59.8542

■ 64.5248, 85.3094,
60.2246

■ 64.5954, 85.3377,
60.5968

Harmonies

Analogous

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



31.9197, 29.0061, 60.9154



35.9298, 29.0061, 47.9610



37.6864, 29.0061, 32.9305

Triad

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



35.9298, 29.0061, 47.9610



28.0361, 29.0061, 12.0580



20.2383, 29.0061, 44.9835

Complementary

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



35.9298, 29.0061, 47.9610



30.0730, 40.4827, 27.3496

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.



19.4474, 29.0061, 30.2722



35.9298, 29.0061, 47.9610



23.6336, 29.0061, 13.6041

Square

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



35.9298, 29.0061, 47.9610



32.8142, 29.0061, 14.3763



20.6183, 29.0061, 19.4353



22.9156, 29.0061, 58.8792

Rectangle

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



35.9298, 29.0061, 47.9610



37.2092, 29.0061, 24.5354



20.6183, 29.0061, 19.4353



19.7573, 29.0061, 39.8647

Sweetspot

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



35.9307, 29.0074, 47.9616



76.5073, 74.9093, 92.0333



25.5577, 23.6358, 48.5631



16.3005, 15.7694, 19.7570



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.



35.9307, 29.0074, 47.9616



62.1196, 46.6967, 85.5021



33.3312, 27.9676, 34.2729



9.3667, 9.1571, 11.2785



19.1279, 9.2249, 29.6240



0.6786, 0.3269, 1.0672

Inverse Universe

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



35.9307, 29.0074, 47.9616



62.1196, 46.6967, 85.5021



32.2037, 41.3350, 38.5699



9.3667, 9.1571, 11.2785



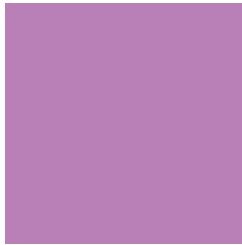
19.1279, 9.2249, 29.6240



0.6786, 0.3269, 1.0672

Previews

White Background



This preview shows how the XYZ color 35.9298, 29.0061, 47.9610 looks on a white background.

Color Contrast Check

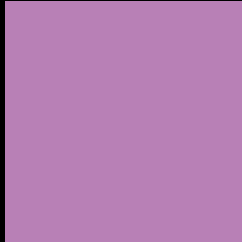
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9298, 29.0061, 47.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

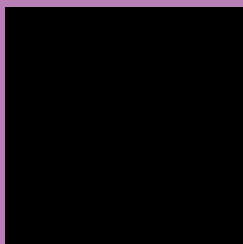
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9298, 29.0061, 47.9610

Background



This preview shows how black text looks on a background with the XYZ color 35.9298, 29.0061, 47.9610.



This preview shows how white text looks on a background with the XYZ color 35.9298, 29.0061,

47.9610.

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

35.9298, 29.0061, 47.9610

Protanopia

29.5359, 29.1324, 55.1053

Deuteranopia

29.7870, 29.2209, 46.7181



Tritanopia

32.3652, 28.9560, 30.6713

Trichromacy



Original Color

35.9298, 29.0061, 47.9610

Protanomaly

31.4758, 28.8583, 52.6265

Deuteranomaly

31.6248, 28.8432, 47.0805

Tritanomaly

33.4789, 28.7949, 36.1412

Monochromacy



Original Color

35.9298, 29.0061, 47.9610

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.4483, 30.0401, 38.3232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9298, 29.0061, 47.9610 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, 128, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 128, 182)  
}
```

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, 128, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 128, 182) }
```

Border

The CSS property to change the border of an element to XYZ 35.9298, 29.0061, 47.9610 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, 128, 182) }
```


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

```
.border{ border-color:rgb(184, 128, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 128, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 128, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 128, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 128,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9298, 29.0061, 47.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 128, 182) }
```

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

```
.background{ background-color: rgb(184,  
128, 182) }
```

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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