

Converting Colors

XYZ(41.8075, 36.5404, 48.5811)

Have a look what the booklet for
XYZ(41.8075, 36.5404, 48.5811)
contains.

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Color

**XYZ(41.8529, 36.5669,
48.5683)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C495B5 |
| RGB | 196, 149, 181 |
| RGB Percent | 77%, 58%, 71% |
| CMY | 0.2314, 0.4157, 0.2902 |
| CMYK | 0.00, 0.24, 0.08, 0.23 |
| HSL | 319°, 28%, 68% |
| HSV | 319°, 24%, 77% |
| XYZ | 41.8529, 36.5669, 48.5683 |
| YIQ | 166.7010, 17.7400, 19.9160 |

Conversions

Conversions Part 2

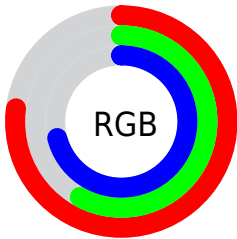
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 196, 149, 181 |
| Decimal | 12883381 |
| CIE Lab | 66.95, 22.85, -9.79 |
| CIE LCh | 67, 24.857, 336.794 |
| Yxy | 36.5669, 0.3296, 0.2880 |
| Android (android.graphics.Color) | 4291073461 (0xFFC495B5) |
| YUV | 166.7010, 7.0494, 25.6952 |
| Hunter-Lab | 60.4706, 17.7199, -5.2907 |

Details

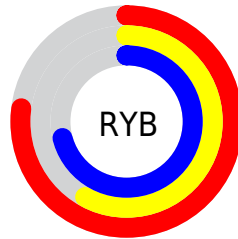
The XYZ color **41.8529, 36.5669, 48.5683** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.8367, 48.5508, 42.4485**, and the grayscale version is **36.5469, 38.4502, 41.8723**.

A 20% lighter version of the original color is **77.1500, 69.7089, 89.5097**, and **19.4193, 16.0447, 22.4955** is the 20% darker color. If you saturate the color by 10%, you get **38.3817, 30.6284, 44.3152**, and if you desaturate by 10%, it is **45.8769, 43.5639, 53.1487**.

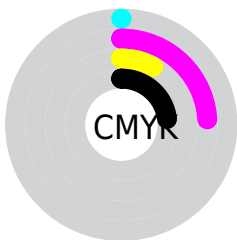
Distribution



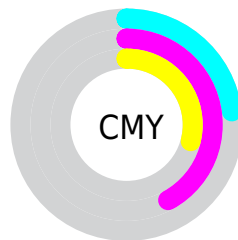
- Red (77%)
- Green (58%)
- Blue (71%)



- Red (77%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8529, 36.5669, 48.5683 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 41.8529, 36.5669, 48.5683 by changing the saturation by 10% instead.


 41.8529, 36.5669,
48.5683

 41.8529, 36.5669,
48.5683


344.8748,
331.4316, 397.6138

 29.1767, 24.8723,
33.9140


 77.2435, 69.9062,
89.4243

 19.3595, 15.9820,
22.5507


 100.6887, 92.3197,
116.4630

 12.0359, 9.5114,
14.0599


128.4542,
119.0749, 148.4670

 6.8405, 5.0762,
8.0231

160.9054,
150.5564, 185.8547

 3.4080, 2.2921,
4.0218

198.4078,
187.1484, 229.0447

 1.3730, 0.7695,
1.6373

241.3265,

 0.2369, 0.0000,

229.2353, 278.4555

0.3172

290.0271,
277.2016, 334.5057

■ 0.0000, 0.0000,
0.0000

■ 41.8529, 36.5669,
48.5683

■ 41.8529, 36.5669,
48.5683

■ 38.3817, 30.6284,
44.3152

■ 45.8769, 43.5639,
53.1487

■ 35.4336, 25.6911,
40.3765

■ 50.4752, 51.6631,
58.0641

■ 32.9810, 21.6997,
36.7415

■ 55.6718, 60.9119,
63.3248

■ 30.9922, 18.5917,
33.3976

■ 61.4888, 71.3534,
68.9398

■ 29.4318, 16.2970,
30.3312

■ 67.9466, 83.0282,
74.9177

■ 28.2591, 14.7344,
27.5267

■ 71.2504, 88.3460,
79.9952

■ 27.4247, 13.8063,
24.9654

■ 72.0874, 88.6808,
84.4031

■ 27.0295, 13.4416,
23.5208

■ 72.9557, 89.0281,
88.9756

■ 73.8556, 89.3881,
93.7145

Harmonies

Analogous

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



39.2807, 36.5669, 58.8608



41.8529, 36.5669, 48.5683



42.4620, 36.5669, 37.4092

Triad

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



41.8529, 36.5669, 48.5683



33.9052, 36.5669, 22.5538



29.2681, 36.5669, 53.5886

Complementary

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



41.8529, 36.5669, 48.5683



38.8367, 48.5508, 42.4485

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.



28.0433, 36.5669, 42.3220



41.8529, 36.5669, 48.5683



30.5924, 36.5669, 25.3971

Square

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



41.8529, 36.5669, 48.5683



37.6910, 36.5669, 23.6203



28.5100, 36.5669, 32.1824



31.9770, 36.5669, 62.1060

Rectangle

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



41.8529, 36.5669, 48.5683



41.6361, 36.5669, 31.1708



28.5100, 36.5669, 32.1824



28.6784, 36.5669, 49.9260

Sweetspot

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



41.8540, 36.5685, 48.5691



88.7138, 88.7737, 102.3296



35.9986, 33.3625, 56.7674



18.8769, 18.8045, 21.7846



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.



41.8540, 36.5685, 48.5691



72.2540, 60.1201, 83.6918



39.6523, 35.6879, 36.9754



10.3561, 10.1910, 11.9656



17.4080, 8.6530, 15.3267



0.7824, 0.3860, 0.8214

Inverse Universe

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



41.8540, 36.5685, 48.5691



72.2540, 60.1201, 83.6918



41.1464, 49.4746, 54.6110



10.3561, 10.1910, 11.9656



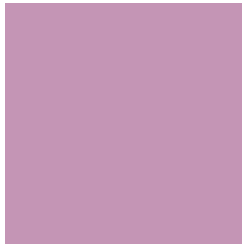
17.4080, 8.6530, 15.3267



0.7824, 0.3860, 0.8214

Previews

White Background



This preview shows how the XYZ color 41.8529, 36.5669, 48.5683 looks on a white background.

Color Contrast Check

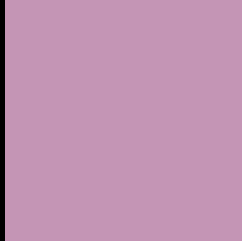
Large Text (above 18pt) WCAG AA × Fail

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 41.8529, 36.5669, 48.5683 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 41.8529, 36.5669, 48.5683

Background



This preview shows how black text looks on a background with the XYZ color 41.8529, 36.5669, 48.5683.



This preview shows how white text looks on a background with the XYZ color 41.8529, 36.5669,

48.5683.

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

41.8529, 36.5669, 48.5683

Protanopia

36.2062, 36.7839, 53.3358

Deuteranopia

37.5481, 36.8216, 47.7761



Tritanopia

40.1772, 36.6061, 40.0701

Trichromacy



Original Color

41.8529, 36.5669, 48.5683

Protanomaly

37.9332, 36.4298, 51.4867

Deuteranomaly

39.0156, 36.5617, 48.1808

Tritanomaly

40.8280, 36.6376, 42.9501

Monochromacy



Original Color

41.8529, 36.5669, 48.5683

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.3773, 37.5851, 44.2617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8529, 36.5669, 48.5683 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(196, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 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(196, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.8529, 36.5669, 48.5683 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(196, 149, 181) }
```


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

```
.border{ border-color:rgb(196, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8529, 36.5669, 48.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 181) }
```

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

```
.background{ background-color: rgb(196,  
149, 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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