

Converting Colors

XYZ(46.9190, 46.0164, 48.5286)

Have a look what the booklet for
XYZ(46.9190, 46.0164, 48.5286)
contains.

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Color

**XYZ(46.9190, 46.0164,
48.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AFB2
RGB	199, 175, 178
RGB Percent	78%, 69%, 70%
CMY	0.2196, 0.3137, 0.3020
CMYK	0.00, 0.12, 0.11, 0.22
HSL	353°, 18%, 73%
HSV	353°, 12%, 78%
XYZ	46.9190, 46.0164, 48.5286
YIQ	182.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

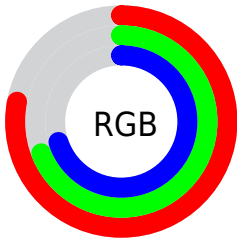
Format	Color
R _Y B	199, 175, 178
Decimal	13086642
CIE Lab	73.56, 9.14, 1.64
CIE LCh	74, 9.288, 10.143
Yxy	46.0164, 0.3317, 0.3253
Android (android.graphics.Color)	4291276722 (0xFFC7AFB2)
YUV	182.5180, -2.2274, 14.4547
Hunter-Lab	67.8354, 4.7493, 5.0694

Details

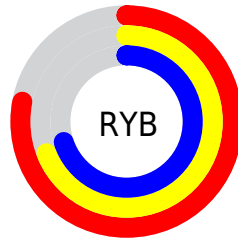
The XYZ color **46.9190, 46.0164, 48.5286** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0682, 53.9474, 60.1066**, and the grayscale version is **44.7537, 47.0843, 51.2748**.

A 20% lighter version of the original color is **84.6672, 84.3523, 89.6611**, and **22.4617, 21.6663, 22.4002** is the 20% darker color. If you saturate the color by 10%, you get **41.6887, 38.1784, 38.6991**, and if you desaturate by 10%, it is **52.9447, 55.0888, 59.7196**.

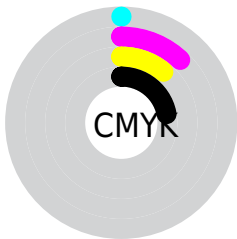
Distribution



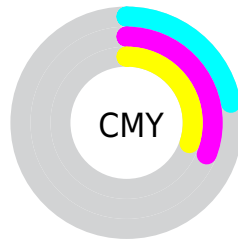
- Red (78%)
- Green (69%)
- Blue (70%)



- Red (78%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9190, 46.0164, 48.5286 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 46.9190, 46.0164, 48.5286 by changing the saturation by 10% instead.

■ 46.9190, 46.0164,
48.5286

■ 46.9190, 46.0164,
48.5286

365.1454,
370.8746, 397.4525

■ 33.1793, 32.2588,
33.8827

■ 84.8122, 84.2435,
89.3646

■ 22.4237, 21.5592,
22.5269

109.6964,
109.4818, 116.3919

■ 14.2869, 13.5334,
14.0426

139.0261,
139.3158, 148.3833

■ 8.4035, 7.7969,
8.0112

173.1668,
174.1298, 185.7575

■ 4.4082, 3.9652,
4.0142

212.4837,
214.3083, 228.9330

■ 1.9356, 1.6541,
1.6332

257.3422,

■ 0.5974, 0.3937,

260.2357, 278.3283

0.3143

308.1076,
312.2963, 334.3620

■ 0.0000, 0.0000,
0.0000

■ 46.9190, 46.0164,
48.5286

■ 46.9190, 46.0164,
48.5286

■ 41.6887, 38.1784,
38.6991

■ 52.9447, 55.0888,
59.7196

■ 37.2168, 31.5157,
30.1761

■ 59.7930, 65.4394,
72.3184

■ 33.4691, 25.9733,
22.9054

■ 67.4949, 77.1172,
86.3724

■ 30.4071, 21.4897,
16.8278

■ 76.0784, 90.1669,
101.9263

■ 27.9889, 17.9971,
11.8793

■ 77.3634, 90.8822,
108.0723

■ 26.1680, 15.4202,
7.9896

■ 24.8915, 13.6726,
5.0807

■ 24.0967, 12.6514,
3.0637

■ 23.7272, 12.2117,
2.0177

Harmonies

Analogous

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



46.7742, 46.0164, 53.2383



46.9190, 46.0164, 48.5286



46.1952, 46.0164, 44.4982

Triad

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



46.9190, 46.0164, 48.5286



41.7333, 46.0164, 43.5055



42.6736, 46.0164, 59.0979

Complementary

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



46.9190, 46.0164, 48.5286



48.0682, 53.9474, 60.1066

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.



41.3680, 46.0164, 56.1619



46.9190, 46.0164, 48.5286



40.8346, 46.0164, 47.0953

Square

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



46.9190, 46.0164, 48.5286



43.1836, 46.0164, 41.7206



40.7026, 46.0164, 51.7132



44.2955, 46.0164, 59.5414

Rectangle

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



46.9190, 46.0164, 48.5286



45.3277, 46.0164, 42.6647



40.7026, 46.0164, 51.7132



42.1843, 46.0164, 58.3614

Sweetspot

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



46.9203, 46.0184, 48.5296



90.4778, 93.1022, 100.4499



48.3531, 46.4945, 60.4591



19.1876, 19.6588, 21.1700



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.



46.9203, 46.0184, 48.5296



80.0716, 77.4484, 81.0777



48.3914, 49.4369, 47.5517



10.6869, 10.6581, 11.3343



15.2749, 7.8595, 1.3916



0.7415, 0.3795, 0.1622

Inverse Universe

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



46.9203, 46.0184, 48.5296



80.0716, 77.4484, 81.0777



46.4465, 50.1527, 61.2657



10.6869, 10.6581, 11.3343



15.2749, 7.8595, 1.3916



0.7415, 0.3795, 0.1622

Previews

White Background



This preview shows how the XYZ color 46.9190, 46.0164, 48.5286 looks on a white background.

Color Contrast Check

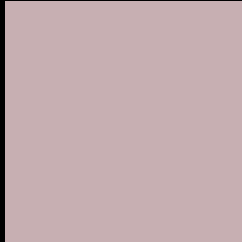
Large Text (above 18pt) WCAG AA × Fail

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 46.9190, 46.0164, 48.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

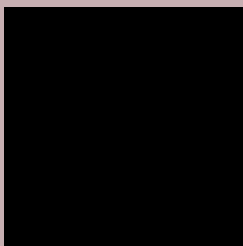
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9190, 46.0164, 48.5286

Background



This preview shows how black text looks on a background with the XYZ color 46.9190, 46.0164, 48.5286.



This preview shows how white text looks on a background with the XYZ color 46.9190, 46.0164,

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

46.9190, 46.0164, 48.5286

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

46.9190, 46.0164, 48.5286



Tritanopia

47.9251, 46.1393, 53.3936

Trichromacy



Original Color

46.9190, 46.0164, 48.5286

Protanomaly

45.1449, 45.9549, 49.6708

Deuteranomaly

46.9190, 46.0164, 48.5286

Tritanomaly

47.6072, 46.0122, 51.7195

Monochromacy



Original Color

46.9190, 46.0164, 48.5286

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6480, 46.7975, 50.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9190, 46.0164, 48.5286 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(199, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 175, 178)  
}
```

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(199, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 175, 178) }
```

Border

The CSS property to change the border of an element to XYZ 46.9190, 46.0164, 48.5286 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(199, 175, 178) }
```


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

```
.border{ border-color:rgb(199, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 175,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9190, 46.0164, 48.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 175, 178) }
```

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

```
.background{ background-color: rgb(199,  
175, 178) }
```

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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