

Converting Colors

XYZ(46.5061, 42.0427, 48.5971)

Have a look what the booklet for
XYZ(46.5061, 42.0427, 48.5971)
contains.

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Color

**XYZ(46.4367, 41.9068,
48.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA1B4
RGB	206, 161, 180
RGB Percent	81%, 63%, 71%
CMY	0.1922, 0.3686, 0.2941
CMYK	0.00, 0.22, 0.13, 0.19
HSL	335°, 31%, 72%
HSV	335°, 22%, 81%
XYZ	46.4367, 41.9068, 48.8214
YIQ	176.6210, 20.7210, 15.4490

Conversions

Conversions Part 2

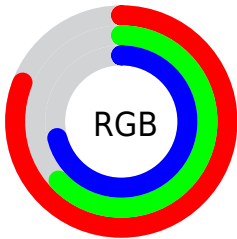
Format	Color
R _Y B	206, 161, 180
Decimal	13541812
CIE Lab	70.81, 19.64, -3.41
CIE LCh	71, 19.929, 350.143
Yxy	41.9068, 0.3385, 0.3055
Android (android.graphics.Color)	4291731892 (0xFFCEA1B4)
YUV	176.6210, 1.6658, 25.7654
Hunter-Lab	64.7355, 14.7564, 0.6002

Details

The XYZ color **46.4367, 41.9068, 48.8214** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7406, 55.3087, 55.2811**, and the grayscale version is **41.5762, 43.7414, 47.6343**.

A 20% lighter version of the original color is **80.9362, 76.4279, 89.8431**, and **22.0619, 19.0489, 22.5927** is the 20% darker color. If you saturate the color by 10%, you get **41.9682, 34.8274, 41.6041**, and if you desaturate by 10%, it is **51.6048, 50.2177, 56.7867**.

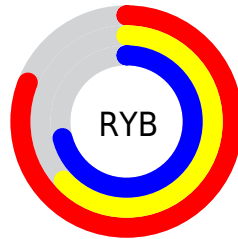
Distribution



Red (81%)

Green (63%)

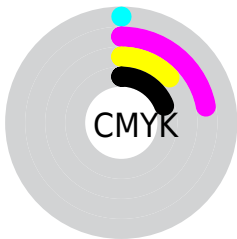
Blue (71%)



Red (81%)

Yellow (63%)

Blue (71%)

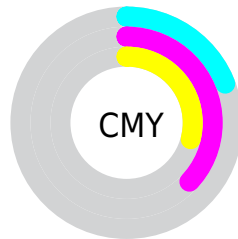


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (19%)



Cyan (19%)

Magenta (37%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4367, 41.9068, 48.8214 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 46.4367, 41.9068, 48.8214 by changing the saturation by 10% instead.


 46.4367, 41.9068,
48.8214


 46.4367, 41.9068,
48.8214


363.2481,
354.0964, 398.6410

 32.7966, 29.0283,
34.1132


 84.0961, 78.0586,
89.8044

 22.1292, 19.1022,
22.7025


 108.8461,
102.1006, 116.9163

 14.0690, 11.7442,
14.1708


138.0301,
130.6327, 148.9998

 8.2507, 6.5697,
8.0994

172.0135,
164.0391, 186.4735

 4.3089, 3.1945,
4.0700

211.1617,
202.7043, 229.7559

 1.8783, 1.2341,
1.6638

255.8399,

 0.5642, 0.0893,

247.0126, 279.2656

0.3357

306.4136,
297.3486, 335.4212

■ 0.0000, 0.0000,
0.0000

■ 46.4367, 41.9068,
48.8214

■ 46.4367, 41.9068,
48.8214

■ 41.9682, 34.8274,
41.6041

■ 51.6048, 50.2177,
56.7867

■ 38.1641, 28.9148,
35.1087

■ 57.4985, 59.8097,
65.5197

■ 34.9915, 24.1070,
29.3114

■ 64.1468, 70.7361,
75.0424

■ 32.4129, 20.3336,
24.1858

■ 71.5759, 83.0459,
85.3751

■ 30.3868, 17.5164,
19.7035

■ 76.8704, 90.9046,
95.5573

■ 28.8659, 15.5655,
15.8334

■ 78.6928, 91.6335,
105.1540

■ 27.7940, 14.3739,
12.5404

■ 79.2639, 91.8619,
108.1612

■ 27.1729, 13.8096,
10.2435

Harmonies

Analogous

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



44.9195, 41.9068, 58.3364



46.4367, 41.9068, 48.8214



46.1103, 41.9068, 39.6357

Triad

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



46.4367, 41.9068, 48.8214



37.6793, 41.9068, 30.5666



35.8899, 41.9068, 61.1011

Complementary

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



46.4367, 41.9068, 48.8214



45.7406, 55.3087, 55.2811

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.



34.1496, 41.9068, 52.1988



46.4367, 41.9068, 48.8214



35.1424, 41.9068, 34.9162

Square

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



46.4367, 41.9068, 48.8214



40.9307, 41.9068, 29.9236



33.8838, 41.9068, 42.5796



38.7515, 41.9068, 66.0474

Rectangle

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



46.4367, 41.9068, 48.8214



44.8973, 41.9068, 34.8578



33.8838, 41.9068, 42.5796



35.1612, 41.9068, 58.4187

Sweetspot

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



46.4379, 41.9087, 48.8223



88.0011, 88.4887, 98.5768



44.2584, 40.4498, 63.8680



18.7119, 18.7385, 20.9154



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.



46.4379, 41.9087, 48.8223



71.8573, 62.5199, 73.7150



45.1636, 42.2479, 39.4947



11.4055, 11.2910, 12.6702



16.7783, 8.5219, 6.5510



0.9032, 0.4547, 0.5362

Inverse Universe

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



46.4379, 41.9087, 48.8223



71.8573, 62.5199, 73.7150



47.1958, 54.7463, 66.4727



11.4055, 11.2910, 12.6702



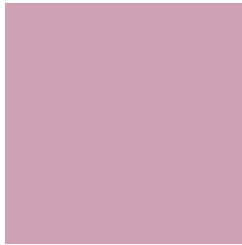
16.7783, 8.5219, 6.5510



0.9032, 0.4547, 0.5362

Previews

White Background



This preview shows how the XYZ color 46.4367, 41.9068, 48.8214 looks on a white background.

Color Contrast Check

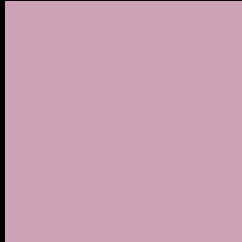
Large Text (above 18pt) WCAG AA × Fail

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 46.4367, 41.9068, 48.8214 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 46.4367, 41.9068, 48.8214

Background



This preview shows how black text looks on a background with the XYZ color 46.4367, 41.9068, 48.8214.



This preview shows how white text looks on a background with the XYZ color 46.4367, 41.9068,

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

46.4367, 41.9068, 48.8214

Protanopia

40.9557, 41.9771, 52.9575

Deuteranopia

42.8784, 41.9513, 48.4853



Tritanopia

45.7371, 41.8758, 45.7166

Trichromacy



Original Color

46.4367, 41.9068, 48.8214

Protanomaly

42.6619, 41.7802, 51.1633

Deuteranomaly

44.0975, 41.7670, 48.3855

Tritanomaly

45.9336, 41.9544, 46.7513

Monochromacy



Original Color

46.4367, 41.9068, 48.8214

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.3378, 43.0315, 48.1412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4367, 41.9068, 48.8214 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(206, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(206, 161, 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(206, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 161, 180) }
```

Border

The CSS property to change the border of an element to XYZ 46.4367, 41.9068, 48.8214 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(206, 161, 180) }
```


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

```
.border{ border-color:rgb(206, 161, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(206, 161,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4367, 41.9068, 48.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 161, 180) }
```

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

```
.background{ background-color: rgb(206,  
161, 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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