

Converting Colors

XYZ(49.0647, 46.6059, 45.9450)

Have a look what the booklet for
XYZ(49.0647, 46.6059, 45.9450)
contains.

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Color

**XYZ(49.0647, 46.6059,
45.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	D2ADAD
RGB	210, 173, 173
RGB Percent	82%, 68%, 68%
CMY	0.1765, 0.3215, 0.3216
CMYK	0.00, 0.18, 0.18, 0.18
HSL	0°, 29%, 75%
HSV	0°, 18%, 82%
XYZ	49.0647, 46.6059, 45.9450
YIQ	184.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

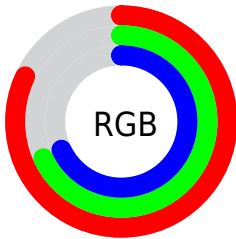
Format	Color
R _{YB}	210, 173, 173
Decimal	13807021
CIE Lab	73.94, 13.44, 5.05
CIE LCh	74, 14.354, 20.611
Yxy	46.6059, 0.3465, 0.3291
Android (android.graphics.Color)	4291997101 (0xFFD2ADAD)
YUV	184.0630, -5.4541, 22.7467
Hunter-Lab	68.2685, 8.8184, 7.8855

Details

The XYZ color **49.0647, 46.6059, 45.9450** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9125, 59.6290, 69.7466**, and the grayscale version is **45.6165, 47.9921, 52.2634**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **23.8061, 22.0238, 21.0855** is the 20% darker color. If you saturate the color by 10%, you get **43.4755, 38.4276, 34.8321**, and if you desaturate by 10%, it is **55.6087, 56.1817, 58.9529**.

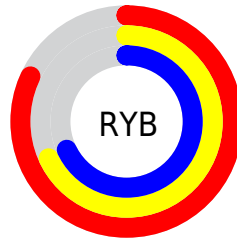
Distribution



Red (82%)

Green (68%)

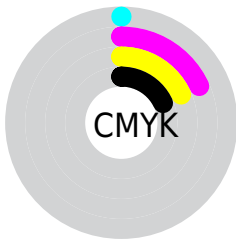
Blue (68%)



Red (82%)

Yellow (68%)

Blue (68%)

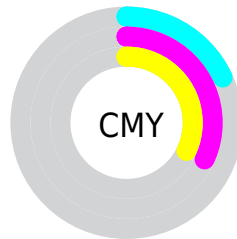


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (18%)



Cyan (18%)


Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0647, 46.6059, 45.9450 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 49.0647, 46.6059, 45.9450 by changing the saturation by 10% instead.


 49.0647, 46.6059,
45.9450

 49.0647, 46.6059,
45.9450


373.5097,
373.2392, 386.8586

 34.8856, 32.7242,
31.8541


 87.9877, 85.1251,
85.4701

 23.7408, 21.9153,
20.9862


113.4622,
110.5313, 111.7413

 15.2652, 13.7946,
12.9227


143.4326,
140.5479, 142.9098

 9.0932, 7.9780,
7.2453

178.2642,
175.5592, 179.3939

 4.8596, 4.0809,
3.5352

218.3224,
215.9495, 221.6124

 2.1991, 1.7189,
1.3740

263.9724,

 0.7422, 0.4358,

262.1034, 269.9836

0.1213

315.5798,
314.4052, 324.9262

■ 0.0000, 0.0000,
0.0000

■ 49.0647, 46.6059,
45.9450

■ 49.0647, 46.6059,
45.9450

■ 43.4755, 38.4276,
34.8321

■ 55.6087, 56.1817,
58.9529

■ 38.7929, 31.5756,
25.5232

■ 63.1450, 67.2094,
73.9355

■ 34.9702, 25.9819,
17.9240

■ 71.7141, 79.7480,
90.9711

■ 31.9552, 21.5701,
11.9306

■ 80.3885, 92.4417,
108.2139

■ 29.6900, 18.2553,
7.4278

■ 28.1088, 15.9414,
4.2849

■ 27.1348, 14.5160,
2.3490

■ 26.6604, 13.8217,
1.4063

■ 26.5787, 13.7022,
1.2439

Harmonies

Analogous

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



49.3318, 46.6059, 53.0798



49.0647, 46.6059, 45.9450



47.4940, 46.6059, 40.6151

Triad

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



49.0647, 46.6059, 45.9450



40.6023, 46.6059, 42.3181



43.4996, 46.6059, 65.9580

Complementary

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



49.0647, 46.6059, 45.9450



51.9125, 59.6290, 69.7466

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.



41.2477, 46.6059, 62.4351



49.0647, 46.6059, 45.9450



39.6179, 46.6059, 48.4814

Square

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



49.0647, 46.6059, 45.9450



42.5878, 46.6059, 38.6653



39.8496, 46.6059, 55.8701



46.0524, 46.6059, 65.1122

Rectangle

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



49.0647, 46.6059, 45.9450



45.9513, 46.6059, 38.5797



39.8496, 46.6059, 55.8701



42.6839, 46.6059, 65.2336

Sweetspot

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



49.0660, 46.6080, 45.9460



89.1316, 91.3398, 97.1340



53.1552, 48.2425, 67.4832



18.9067, 19.3000, 20.4504



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.



49.0660, 46.6080, 45.9460



72.8287, 67.4843, 64.7236



52.8616, 54.1993, 47.2112



11.8089, 11.8084, 12.2689



16.2126, 8.3582, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



51.9125, 59.6290, 69.7466



78.0167, 91.2163, 108.1023



47.6070, 51.0180, 68.3114



12.1583, 13.4069, 15.1906



21.1506, 30.9479, 42.0513



1.1826, 1.7305, 2.3513

Previews

White Background



This preview shows how the XYZ color 49.0647, 46.6059, 45.9450 looks on a white background.

Color Contrast Check

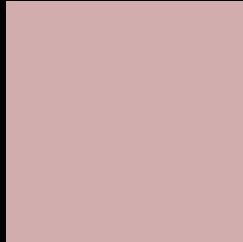
Large Text (above 18pt) WCAG AA × Fail

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 49.0647, 46.6059, 45.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

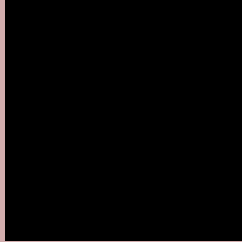
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0647, 46.6059, 45.9450

Background



This preview shows how black text looks on a background with the XYZ color 49.0647, 46.6059, 45.9450.



This preview shows how white text looks on a background with the XYZ color 49.0647, 46.6059,

45.9450.

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

49.0647, 46.6059, 45.9450

Protanopia

44.8095, 46.7012, 48.7720

Deuteranopia

47.6003, 46.7257, 45.5399



Tritanopia

50.1838, 46.4775, 52.2250

Trichromacy



Original Color

49.0647, 46.6059, 45.9450

Protanomaly

46.2625, 46.5775, 47.6263

Deuteranomaly

48.2300, 46.7603, 45.5134

Tritanomaly

49.9570, 46.6901, 50.0951

Monochromacy



Original Color

49.0647, 46.6059, 45.9450

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.5518, 47.2753, 49.8515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0647, 46.6059, 45.9450 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(210, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 173)  
}
```

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(210, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 49.0647, 46.6059, 45.9450 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(210, 173, 173) }
```


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

```
.border{ border-color:rgb(210, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0647, 46.6059, 45.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 173) }
```

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

```
.background{ background-color: rgb(210,  
173, 173) }
```

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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