

Converting Colors

XYZ(48.8758, 46.8383, 44.0008)

Have a look what the booklet for
XYZ(48.8758, 46.8383, 44.0008)
contains.

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Color

**XYZ(48.8758, 46.8383,
44.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AEA9
RGB	210, 174, 169
RGB Percent	82%, 68%, 66%
CMY	0.1765, 0.3176, 0.3372
CMYK	0.00, 0.17, 0.20, 0.18
HSL	7°, 31%, 74%
HSV	7°, 20%, 82%
XYZ	48.8758, 46.8383, 44.0008
YIQ	184.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

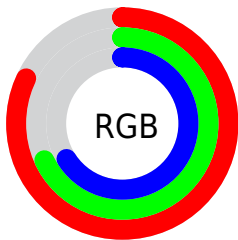
Format	Color
R _Y B	210, 175, 169
Decimal	13807273
CIE Lab	74.09, 12.28, 7.46
CIE LCh	74, 14.364, 31.274
Yxy	46.8383, 0.3498, 0.3352
Android (android.graphics.Color)	4291997353 (0xFFD2AEA9)
YUV	184.1940, -7.4906, 22.6319
Hunter-Lab	68.4385, 7.7095, 9.7880

Details

The XYZ color **48.8758, 46.8383, 44.0008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8259, 56.7494, 69.3007**, and the grayscale version is **45.6994, 48.0793, 52.3584**.

A 20% lighter version of the original color is **82.9914, 83.2354, 82.2129**, and **23.6880, 22.1720, 19.8608** is the 20% darker color. If you saturate the color by 10%, you get **43.7400, 39.4721, 33.3310**, and if you desaturate by 10%, it is **54.8198, 55.3132, 56.5032**.

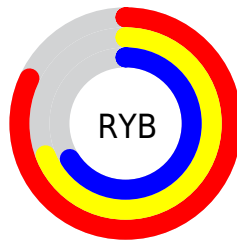
Distribution



Red (82%)

Green (68%)

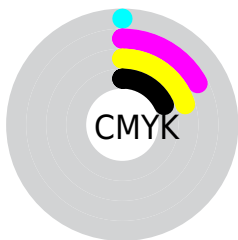
Blue (66%)



Red (82%)

Yellow (69%)

Blue (66%)

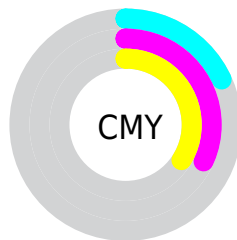


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8758, 46.8383, 44.0008 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 48.8758, 46.8383, 44.0008 by changing the saturation by 10% instead.


 48.8758, 46.8383,
44.0008

 48.8758, 46.8383,
44.0008


372.7782,
374.1687, 378.7530

 34.7351, 32.9078,
30.3339


 87.7088, 85.4722,
82.5214

 23.6244, 22.0559,
19.8380


113.1318,
110.9444, 108.2123

 15.1785, 13.8979,
12.0944

143.0463,
141.0327, 138.7482

 9.0319, 8.0497,
6.6847

177.8176,
176.1215, 174.5478

 4.8193, 4.1268,
3.1903

217.8111,
216.5950, 216.0295

 2.1753, 1.7447,
1.1926

263.3921,

 0.7297, 0.4524,

262.8378, 263.6119

0.0000

314.9260,
315.2343, 317.7136

■ 0.0000, 0.0000,
0.0000

■ 48.8758, 46.8383,
44.0008

■ 48.8758, 46.8383,
44.0008

■ 43.7400, 39.4721,
33.3310

■ 54.8198, 55.3132,
56.5032

■ 39.3736, 33.1626,
24.4049

■ 61.6008, 64.9335,
70.9157

■ 35.7405, 27.8633,
17.1304

■ 69.2511, 75.7418,
87.3147

■ 32.8001, 23.5213,
11.4059

■ 77.8000, 87.7769,
105.7719

■ 30.5076, 20.0793,
7.1184

■ 80.3885, 92.4417,
108.2139

■ 28.8133, 17.4737,
4.1397

■ 27.6596, 15.6323,
2.3186

■ 26.9647, 14.4654,
1.3997

■ 26.9397, 14.4242,
1.3643

Harmonies

Analogous

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



49.6425, 46.8383, 50.6850



48.8758, 46.8383, 44.0008



46.9353, 46.8383, 39.5704

Triad

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



48.8758, 46.8383, 44.0008



40.3251, 46.8383, 44.4965



44.6283, 46.8383, 66.4924

Complementary

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



48.8758, 46.8383, 44.0008



49.8259, 56.7494, 69.3007

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.



42.1859, 46.8383, 64.4399



48.8758, 46.8383, 44.0008



39.7597, 46.8383, 51.3142

Square

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



48.8758, 46.8383, 44.0008



42.0026, 46.8383, 39.8367



40.4280, 46.8383, 58.7023



47.1327, 46.8383, 64.0729

Rectangle

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



48.8758, 46.8383, 44.0008



45.2721, 46.8383, 38.2533



40.4280, 46.8383, 58.7023



43.7731, 46.8383, 66.3013

Sweetspot

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



48.8771, 46.8404, 44.0018



88.5471, 90.7804, 95.0601



51.8124, 46.4964, 64.1391



18.8075, 19.2246, 20.0387



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.



48.8771, 46.8404, 44.0018



72.7198, 68.2137, 61.7675



53.0951, 55.2765, 45.4078



11.9233, 12.0374, 12.3071



16.4722, 8.8774, 0.8453



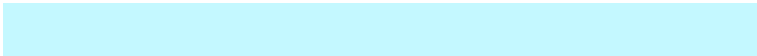
0.9605, 0.5754, 0.0604

Inverse Universe

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



49.8259, 56.7494, 69.3007



74.4249, 86.0404, 107.2926



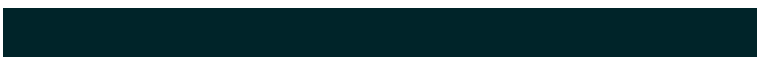
45.2853, 47.6682, 67.7872



12.0301, 13.1505, 15.1479



17.6481, 23.9428, 40.8838



1.0222, 1.4096, 2.2978

Previews

White Background



This preview shows how the XYZ color 48.8758, 46.8383, 44.0008 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 48.8758, 46.8383, 44.0008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

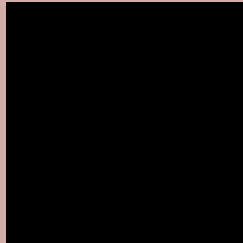
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8758, 46.8383, 44.0008

Background



This preview shows how black text looks on a background with the XYZ color 48.8758, 46.8383, 44.0008.



This preview shows how white text looks on a background with the XYZ color 48.8758, 46.8383,

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

48.8758, 46.8383, 44.0008

Protanopia

45.0098, 47.1644, 46.2665

Deuteranopia

47.8636, 46.8944, 44.0650



Tritanopia

50.6609, 47.0049, 52.3017

Trichromacy



Original Color

48.8758, 46.8383, 44.0008

Protanomaly

46.3314, 46.9545, 45.6509

Deuteranomaly

48.2235, 46.7899, 44.0258

Tritanomaly

49.9442, 46.9907, 49.0856

Monochromacy



Original Color

48.8758, 46.8383, 44.0008

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.4503, 47.2346, 49.3168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8758, 46.8383, 44.0008 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, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(210, 174, 169)  
}
```

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, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 174, 169) }
```

Border

The CSS property to change the border of an element to XYZ 48.8758, 46.8383, 44.0008 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, 174, 169) }
```


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

```
.border{ border-color:rgb(210, 174, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(210, 174,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8758, 46.8383, 44.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 174, 169) }
```

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

```
.background{ background-color: rgb(210,  
174, 169) }
```

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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