

Converting Colors

XYZ(48.4826, 46.2467, 44.9884)

Have a look what the booklet for
XYZ(48.4826, 46.2467, 44.9884)
contains.

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Color

**XYZ(48.5888, 46.3827,
44.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	D1ADAB
RGB	209, 173, 171
RGB Percent	82%, 68%, 67%
CMY	0.1804, 0.3215, 0.3294
CMYK	0.00, 0.17, 0.18, 0.18
HSL	3°, 29%, 75%
HSV	3°, 18%, 82%
XYZ	48.5888, 46.3827, 44.9199
YIQ	183.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

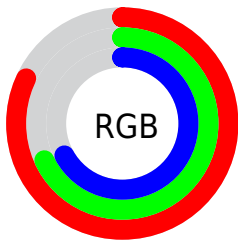
Format	Color
R_{YB}	209, 173, 171
Decimal	13741483
CIE Lab	73.79, 12.75, 5.93
CIE LCh	74, 14.065, 24.932
Yxy	46.3827, 0.3473, 0.3316
Android (android.graphics.Color)	4291931563 (0xFFD1ADAB)
YUV	183.5360, -6.1802, 22.3319
Hunter-Lab	68.1048, 8.1658, 8.5675

Details

The XYZ color **48.5888, 46.3827, 44.9199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6157, 57.8858, 68.8275**, and the grayscale version is **45.3296, 47.6903, 51.9348**.

A 20% lighter version of the original color is **82.7109, 82.2378, 83.4657**, and **23.4936, 21.8767, 20.4371** is the 20% darker color. If you saturate the color by 10%, you get **43.2331, 38.6110, 34.0709**, and if you desaturate by 10%, it is **54.8247, 55.4097, 57.6174**.

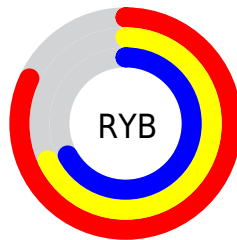
Distribution



Red (82%)

Green (68%)

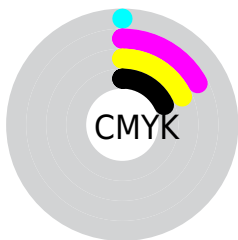
Blue (67%)



Red (82%)

Yellow (68%)

Blue (67%)

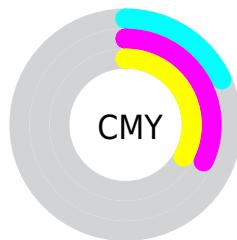


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (18%)



Cyan (18%)


Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5888, 46.3827, 44.9199 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 48.5888, 46.3827, 44.9199 by changing the saturation by 10% instead.


 48.5888, 46.3827,
44.9199

 48.5888, 46.3827,
44.9199


371.6651,
372.3451, 382.5997

 34.5066, 32.5479,
31.0518

 87.2848, 84.7915,
83.9174

 23.4478, 21.7804,
20.3795


112.6294,
110.1342, 109.8839

 15.0470, 13.6956,
12.4844

142.4587,
140.0818, 140.7203

 8.9389, 7.9093,
6.9480

177.1382,
175.0185, 176.8451

 4.7581, 4.0369,
3.3516

217.0333,
215.3288, 218.6770

 2.1394, 1.6942,
1.2769

262.5092,

 0.7105, 0.4199,

261.3971, 266.6343

0.0427

313.9314,
313.6077, 321.1357

■ 0.0000, 0.0000,
0.0000

■ 48.5888, 46.3827,
44.9199

■ 48.5888, 46.3827,
44.9199

■ 43.2331, 38.6110,
34.0709

■ 54.8247, 55.4097,
57.6174

■ 38.7142, 32.0330,
24.9815

■ 61.9738, 65.7375,
72.2409

■ 34.9911, 26.5916,
17.5599

■ 70.0722, 77.4169,
88.8670

■ 32.0176, 22.2223,
11.7047

■ 79.1530, 90.4944,
107.5672

■ 29.7427, 18.8543,
7.3036

■ 80.1048, 92.2954,
108.2006

■ 28.1093, 16.4081,
4.2292

■ 27.0511, 14.7925,
2.3323

■ 26.4811, 13.8948,
1.3954

■ 26.4147, 13.7953,
1.2705

Harmonies

Analogous

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



49.0481, 46.3827, 51.7285



48.5888, 46.3827, 44.9199



46.9048, 46.3827, 40.0540

Triad

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



48.5888, 46.3827, 44.9199



40.2675, 46.3827, 43.0002



43.6622, 46.3827, 65.4917

Complementary

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



48.5888, 46.3827, 44.9199



50.6157, 57.8858, 68.8275

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.



41.3813, 46.3827, 62.6272



48.5888, 46.3827, 44.9199



39.4692, 46.3827, 49.2968

Square

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



48.5888, 46.3827, 44.9199



42.0902, 46.3827, 39.0212



39.8692, 46.3827, 56.5303



46.1426, 46.3827, 64.0411

Rectangle

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



48.5888, 46.3827, 44.9199



45.3466, 46.3827, 38.3436



39.8692, 46.3827, 56.5303



42.8477, 46.3827, 64.9941

Sweetspot

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



48.5901, 46.3848, 44.9209



89.3319, 91.7405, 97.2008



52.1327, 47.1917, 65.4574



18.9551, 19.3969, 20.4665



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.



48.5901, 46.3848, 44.9209



72.6245, 67.5534, 63.1834



52.4735, 54.1516, 46.2153



11.8580, 11.9068, 12.2853



16.3087, 8.5504, 0.7908



0.9298, 0.5140, 0.0502

Inverse Universe

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



50.6157, 57.8858, 68.8275



76.4002, 88.9955, 107.7589



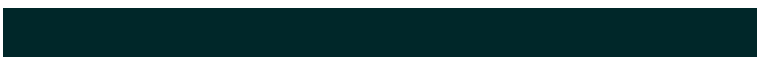
46.3084, 49.2712, 67.3918



12.1028, 13.2958, 15.1721



19.5673, 27.7812, 41.5235



1.1108, 1.5868, 2.3273

Previews

White Background



This preview shows how the XYZ color 48.5888, 46.3827, 44.9199 looks on a white background.

Color Contrast Check

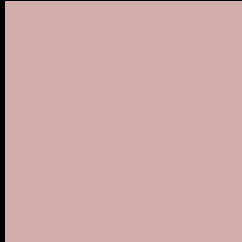
Large Text (above 18pt) WCAG AA × Fail

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 48.5888, 46.3827, 44.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

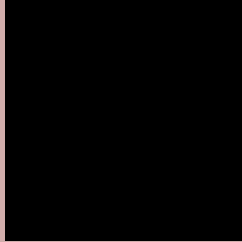
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5888, 46.3827, 44.9199

Background



This preview shows how black text looks on a background with the XYZ color 48.5888, 46.3827, 44.9199.



This preview shows how white text looks on a background with the XYZ color 48.5888, 46.3827,

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

48.5888, 46.3827, 44.9199

Protanopia

44.5114, 46.5820, 47.2027

Deuteranopia

47.3093, 46.2967, 44.9708



Tritanopia

50.0786, 46.4354, 51.6709

Trichromacy



Original Color

48.5888, 46.3827, 44.9199

Protanomaly

45.8085, 46.3661, 46.5796

Deuteranomaly

47.6636, 46.1915, 44.9318

Tritanomaly

49.4675, 46.4614, 49.0085

Monochromacy



Original Color

48.5888, 46.3827, 44.9199

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 48.5888, 46.3827, 44.9199 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(209, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 171)  
}
```

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(209, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 48.5888, 46.3827, 44.9199 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(209, 173, 171) }
```


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

```
.border{ border-color:rgb(209, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5888, 46.3827, 44.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 171) }
```

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

```
.background{ background-color: rgb(209,  
173, 171) }
```

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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