

Converting Colors

XYZ(47.9833, 48.3831, 46.8543)

Have a look what the booklet for
XYZ(47.9833, 48.3831, 46.8543)
contains.

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Color

**XYZ(47.9833, 48.3831,
46.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B5AE
RGB	200, 181, 174
RGB Percent	78%, 71%, 68%
CMY	0.2157, 0.2902, 0.3176
CMYK	0.00, 0.09, 0.13, 0.22
HSL	16°, 19%, 73%
HSV	16°, 13%, 78%
XYZ	47.9833, 48.3831, 46.8543
YIQ	185.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

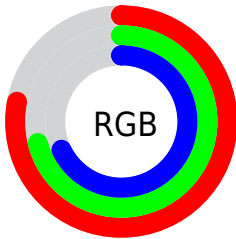
Format	Color
R _Y B	200, 184, 174
Decimal	13153710
CIE Lab	75.07, 5.60, 6.02
CIE LCh	75, 8.219, 47.049
Yxy	48.3831, 0.3350, 0.3378
Android (android.graphics.Color)	4291343790 (0xFFC8B5AE)
YUV	185.8830, -5.8583, 12.3806
Hunter-Lab	69.5580, 1.4086, 8.7528

Details

The XYZ color **47.9833, 48.3831, 46.8543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9507, 51.3078, 62.0730**, and the grayscale version is **46.6342, 49.0628, 53.4294**.

A 20% lighter version of the original color is **85.6670, 87.4855, 86.5000**, and **23.0861, 22.9545, 21.6262** is the 20% darker color. If you saturate the color by 10%, you get **43.3601, 42.0279, 36.3993**, and if you desaturate by 10%, it is **53.2112, 55.4821, 58.9444**.

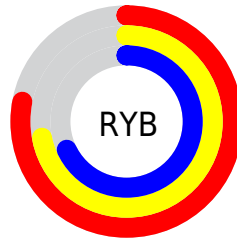
Distribution



Red (78%)

Green (71%)

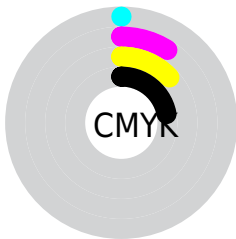
Blue (68%)



Red (78%)

Yellow (72%)

Blue (68%)

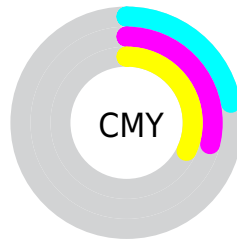


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9833, 48.3831, 46.8543 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 47.9833, 48.3831, 46.8543 by changing the saturation by 10% instead.


 47.9833, 48.3831,
46.8543

 47.9833, 48.3831,
46.8543


369.3096,
380.3086, 390.6096

 34.0249, 34.1304,
32.5670


 86.3894, 87.7745,
86.8438

 23.0757, 22.9938,
21.5265


111.5677,
113.6820, 113.3830

 14.7704, 14.5889,
13.3144


141.2168,
144.2432, 144.8434

 8.7437, 8.5314,
7.5122

175.7018,
179.8425, 181.6432

 4.6301, 4.4368,
3.7011

215.3883,
220.8643, 224.2013

 2.0644, 1.9208,
1.4629

260.6415,

 0.6698, 0.5608,

267.6930, 272.9360

0.1900

311.8268,
320.7130, 328.2659

■ 0.0000, 0.0000,
0.0000

■ 47.9833, 48.3831,
46.8543

■ 47.9833, 48.3831,
46.8543

■ 43.3601, 42.0279,
36.3993

■ 53.2112, 55.4821,
58.9444

■ 39.3153, 36.3857,
27.5057

■ 59.0609, 63.3416,
72.7327

■ 35.8264, 31.4332,
20.0989

■ 65.5539, 71.9856,
88.2827

■ 32.8678, 27.1432,
14.0967

■ 72.7094, 81.4355,
105.6538

■ 30.4121, 23.4867,
9.4092

■ 77.3331, 90.4265,
107.9859

■ 28.4288, 20.4324,
5.9356

■ 77.6297, 91.0195,
108.0847

■ 26.8839, 17.9461,
3.5604

■ 25.7382, 15.9896,
2.1452

■ 25.1330, 14.9061,
1.5525

Harmonies

Analogous

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



48.8043, 48.3831, 50.2923



47.9833, 48.3831, 46.8543



46.6372, 48.3831, 45.0222

Triad

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



47.9833, 48.3831, 46.8543



43.2283, 48.3831, 50.8484



46.8389, 48.3831, 60.9934

Complementary

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



47.9833, 48.3831, 46.8543



46.9507, 51.3078, 62.0730

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.



45.3423, 48.3831, 61.1624



47.9833, 48.3831, 46.8543



43.2797, 48.3831, 55.1442

Square

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



47.9833, 48.3831, 46.8543



43.9044, 48.3831, 47.2423



44.0462, 48.3831, 58.9717



48.1338, 48.3831, 58.5218

Rectangle

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



47.9833, 48.3831, 46.8543



45.6331, 48.3831, 44.8892



44.0462, 48.3831, 58.9717



46.3421, 48.3831, 61.3260

Sweetspot

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



47.9846, 48.3852, 46.8553



91.1194, 94.6973, 99.7021



48.5892, 46.4054, 56.8879



19.3493, 20.0609, 20.9817



0.0000, 0.0000, 0.0000



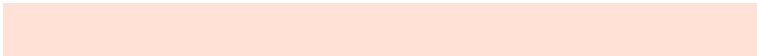
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.9846, 48.3852, 46.8553



80.3798, 80.0786, 74.9726



50.7370, 53.8899, 47.7728



10.8624, 11.0940, 11.1316



16.0445, 9.6061, 1.0085



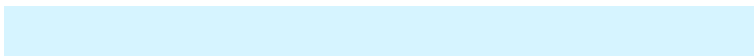
0.8215, 0.5784, 0.0684

Inverse Universe

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



46.9507, 51.3078, 62.0730



78.1936, 86.2535, 107.1351



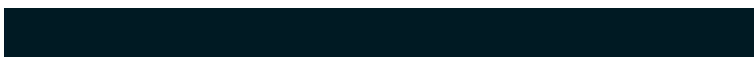
44.2163, 45.8390, 61.1615



10.6957, 11.5656, 13.5861



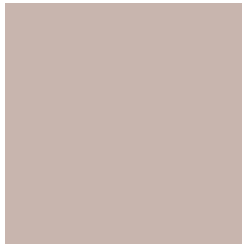
13.2541, 15.9021, 37.1152



0.6851, 0.8680, 1.7766

Previews

White Background



This preview shows how the XYZ color 47.9833, 48.3831, 46.8543 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 47.9833, 48.3831, 46.8543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

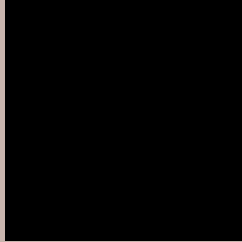
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9833, 48.3831, 46.8543

Background



This preview shows how black text looks on a background with the XYZ color 47.9833, 48.3831, 46.8543.



This preview shows how white text looks on a background with the XYZ color 47.9833, 48.3831,

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

47.9833, 48.3831, 46.8543

Protanopia

46.2122, 48.3627, 47.9736

Deuteranopia

49.4922, 48.5616, 46.8092



Tritanopia

49.7919, 48.2031, 56.5490

Trichromacy



Original Color

47.9833, 48.3831, 46.8543

Protanomaly

46.9195, 48.4315, 47.4327

Deuteranomaly

48.8631, 48.5359, 46.8374

Tritanomaly

48.9644, 48.1605, 52.6141

Monochromacy



Original Color

47.9833, 48.3831, 46.8543

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0698, 48.7347, 51.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9833, 48.3831, 46.8543 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(200, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 174)  
}
```

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(200, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.9833, 48.3831, 46.8543 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(200, 181, 174) }
```


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

```
.border{ border-color:rgb(200, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 174);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9833, 48.3831, 46.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 174) }
```

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

```
.background{ background-color: rgb(200,  
181, 174) }
```

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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