

Converting Colors

XYZ(43.0225, 48.6154, 18.9069)

Have a look what the booklet for
XYZ(43.0225, 48.6154, 18.9069)
contains.

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Color

**XYZ(43.0003, 48.6031,
18.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BC63
RGB	196, 188, 99
RGB Percent	77%, 74%, 39%
CMY	0.2314, 0.2627, 0.6118
CMYK	0.00, 0.04, 0.49, 0.23
HSL	55°, 45%, 58%
HSV	55°, 49%, 77%
XYZ	43.0003, 48.6031, 18.9193
YIQ	180.2460, 33.3370, -25.9830

Conversions

Conversions Part 2

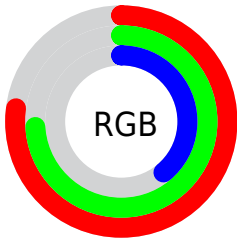
Format	Color
RYB	108, 196, 99
Decimal	12893283
CIELab	75.20, -9.28, 45.64
CIELCh	75, 46.578, 101.494
Yxy	48.6031, 0.3891, 0.4398
Android (android.graphics.Color)	4291083363 (0xFFC4BC63)
YUV	180.2460, -40.0543, 13.8163
Hunter-Lab	69.7159, -11.9053, 32.7112

Details

The XYZ color **43.0003, 48.6031, 18.9193** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.3669, 17.1530, 54.4617**, and the grayscale version is **43.7117, 45.9881, 50.0811**.

A 20% lighter version of the original color is **78.8912, 88.0392, 42.5410**, and **20.0127, 23.1168, 6.2035** is the 20% darker color. If you saturate the color by 10%, you get **41.8320, 47.5885, 14.4549**, and if you desaturate by 10%, it is **44.4022, 49.7209, 24.5846**.

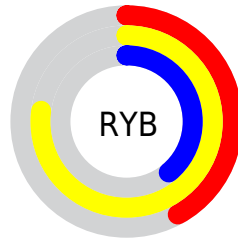
Distribution



Red (77%)

Green (74%)

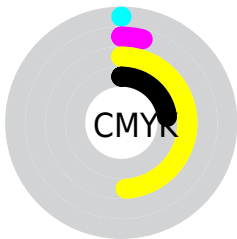
Blue (39%)



Red (42%)

Yellow (77%)

Blue (39%)

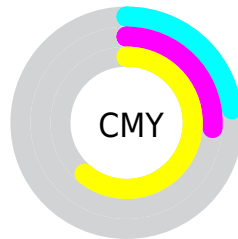


Cyan (0%)

Magenta (4%)

Yellow (49%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0003, 48.6031, 18.9193 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 43.0003, 48.6031, 18.9193 by changing the saturation by 10% instead.

■ 43.0003, 48.6031,
18.9193

■ 43.0003, 48.6031,
18.9193

349.5345,
381.1777, 258.4108

■ 30.0799, 34.3047,
11.4358

■ 78.9670, 88.1017,
42.4326

■ 20.0476, 23.1278,
6.2429

■ 102.7440,
114.0707, 59.2994

■ 12.5381, 14.6879,
2.9222

■ 130.8706,
144.6987, 80.1310

■ 7.1861, 8.6006,
1.0550

■ 163.7121,
180.3701, 105.3461

■ 3.6261, 4.4816,
0.0000

201.6339,
221.4693, 135.3630

■ 1.4929, 1.9465,
0.0000

245.0013,

■ 0.3210, 0.5761,

268.3808, 170.6004

0.0000

294.1797,
321.4887, 211.4768

■ 0.0000, 0.0000,
0.0000

■ 43.0003, 48.6031,
18.9193

■ 43.0003, 48.6031,
18.9193

■ 41.8320, 47.5885,
14.4549

■ 44.4022, 49.7209,
24.5846

■ 40.8771, 46.6636,
11.1001

■ 46.0493, 50.9412,
31.5272

■ 40.1177, 45.8230,
8.7559


■ 47.9566, 52.2718,
39.8204


■ 39.5312, 45.0578,
7.3038


■ 50.1367, 53.7178,
49.5315

■ 39.0772, 44.3516,
6.5299


■ 52.6016, 55.2840,
60.7231

 39.0550, 44.3160,
6.4954

 55.3626, 56.9749,
73.4539

 58.4301, 58.7947,
87.7798

 61.6848, 60.6956,
103.0720

 62.0632, 61.4524,
103.1982

Harmonies

Analogous

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



51.6060, 48.6031, 19.6790



43.0003, 48.6031, 18.9193



36.1482, 48.6031, 24.9336

Triad

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



43.0003, 48.6031, 18.9193



34.9558, 48.6031, 90.5927



63.5822, 48.6031, 69.2939

Complementary

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



43.0003, 48.6031, 18.9193



20.3669, 17.1530, 54.4617

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.



57.9515, 48.6031, 96.5375



43.0003, 48.6031, 18.9193



41.1776, 48.6031, 111.2150

Square

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



43.0003, 48.6031, 18.9193



31.9007, 48.6031, 62.8557



49.5458, 48.6031, 113.6750



64.2274, 48.6031, 44.0916

Rectangle

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



43.0003, 48.6031, 18.9193



33.2163, 48.6031, 33.5005



49.5458, 48.6031, 113.6750



62.1801, 48.6031, 78.6859

Sweetspot

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



43.0015, 48.6053, 18.9203



88.4944, 95.7818, 79.2989



29.8853, 21.7232, 16.5513



18.7647, 20.3830, 16.1890



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.



43.0015, 48.6053, 18.9203



75.6978, 86.1329, 25.8793



35.6220, 47.4071, 19.0780



10.8401, 11.6117, 10.7318



25.1250, 28.5358, 4.1837



1.1069, 1.2757, 0.1879

Inverse Universe

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



20.3669, 17.1530, 54.4617



30.1784, 22.9069, 97.4386



25.1432, 18.4346, 54.4574



9.5936, 9.8784, 12.6859



6.5492, 2.8549, 33.7625



0.3063, 0.1700, 1.4665

Previews

White Background



This preview shows how the XYZ color 43.0003, 48.6031, 18.9193 looks on a white background.

Color Contrast Check

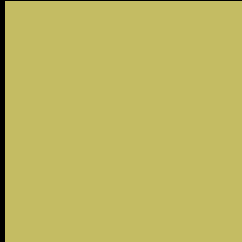
Large Text (above 18pt) WCAG AA × Fail

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 43.0003, 48.6031, 18.9193 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 43.0003, 48.6031, 18.9193

Background



This preview shows how black text looks on a background with the XYZ color 43.0003, 48.6031, 18.9193.



This preview shows how white text looks on a background with the XYZ color 43.0003, 48.6031,

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

43.0003, 48.6031, 18.9193

Protanopia

44.4554, 48.4171, 18.5577

Deuteranopia

49.4844, 48.5723, 19.3377



Tritanopia

50.5012, 48.5815, 56.0057

Trichromacy



Original Color

43.0003, 48.6031, 18.9193

Protanomaly

43.8509, 48.4172, 18.5895

Deuteranomaly

46.8972, 48.4344, 19.1889

Tritanomaly

47.2566, 48.4811, 39.2148

Monochromacy



Original Color

43.0003, 48.6031, 18.9193

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7691, 46.5404, 36.0072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0003, 48.6031, 18.9193 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(196, 188, 99)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 99)  
}
```

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(196, 188, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 99) }
```

Border

The CSS property to change the border of an element to XYZ 43.0003, 48.6031, 18.9193 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(196, 188, 99) }
```


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

```
.border{ border-color:rgb(196, 188, 99) }
```

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

Here you see how a box with a 4 pixel rgb(196, 188, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 99);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0003, 48.6031, 18.9193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 99) }
```

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

```
.background{ background-color: rgb(196,  
188, 99) }
```

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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