

Converting Colors

XYZ(48.9059, 43.1915, 48.4070)

Have a look what the booklet for
XYZ(48.9059, 43.1915, 48.4070)
contains.

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Color

**XYZ(48.9059, 43.1915,
48.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A1B3
RGB	215, 161, 179
RGB Percent	84%, 63%, 70%
CMY	0.1569, 0.3686, 0.2980
CMYK	0.00, 0.25, 0.17, 0.16
HSL	340°, 40%, 74%
HSV	340°, 25%, 84%
XYZ	48.9059, 43.1915, 48.4070
YIQ	179.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

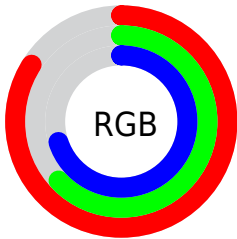
Format	Color
R _Y B	215, 161, 179
Decimal	14131635
CIE Lab	71.68, 22.71, -1.46
CIE LCh	72, 22.757, 356.313
Yxy	43.1915, 0.3481, 0.3074
Android (android.graphics.Color)	4292321715 (0xFFD7A1B3)
YUV	179.1980, -0.0976, 31.3984
Hunter-Lab	65.7202, 17.8209, 2.3334

Details

The XYZ color **48.9059, 43.1915, 48.4070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0782, 60.2103, 61.8613**, and the grayscale version is **42.9450, 45.1815, 49.2026**.

A 20% lighter version of the original color is **80.7913, 76.3699, 89.0800**, and **23.5326, 19.8146, 22.3230** is the 20% darker color. If you saturate the color by 10%, you get **44.0917, 35.7635, 40.0176**, and if you desaturate by 10%, it is **54.5193, 51.9757, 57.8074**.

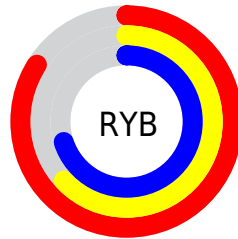
Distribution



Red (84%)

Green (63%)

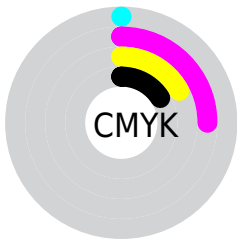
Blue (70%)



Red (84%)

Yellow (63%)

Blue (70%)

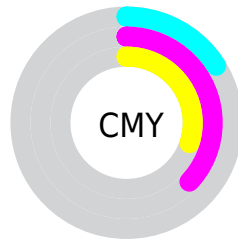


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9059, 43.1915, 48.4070 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 48.9059, 43.1915, 48.4070 by changing the saturation by 10% instead.

 48.9059, 43.1915,
48.4070


 48.9059, 43.1915,
48.4070


372.8949,
359.3987, 396.9583

 34.7591, 30.0354,
33.7870

 87.7532, 79.9998,
89.1819

 23.6430, 19.8655,
22.4540


 113.1845,
104.4207, 116.1740

 15.1923, 12.2973,
13.9894


143.1079,
133.3654, 148.1271

 9.0417, 6.9465,
7.9746

177.8888,
167.2182, 185.4599

 4.8257, 3.4286,
3.9912

217.8926,
206.3636, 228.5909

 2.1791, 1.3594,
1.6205

263.4846,

 0.7317, 0.1865,

251.1858, 277.9385

0.3054

315.0303,
302.0694, 333.9215

■ 0.0000, 0.0000,
0.0000

■ 48.9059, 43.1915,
48.4070

■ 48.9059, 43.1915,
48.4070

■ 44.0917, 35.7635,
40.0176

■ 54.5193, 51.9757,
57.8074

■ 40.0354, 29.6180,
32.6014

■ 60.9633, 62.1733,
68.2494

■ 36.6974, 24.6829,
26.1218

■ 68.2720, 73.8455,
79.7656

■ 34.0330, 20.8768,
20.5391

■ 76.4766, 87.0479,
92.3864

■ 31.9920, 18.1081,
15.8099

■ 81.1457, 92.9116,
104.6539

■ 30.5167, 16.2707,
11.8868

■ 81.8345, 93.1872,
108.2815

■ 29.5375, 15.2349,
8.7163

■ 29.1831, 14.9106,
7.4122

Harmonies

Analogous

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



47.5368, 43.1915, 59.8183



48.9059, 43.1915, 48.4070



48.0645, 43.1915, 38.2283

Triad

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



48.9059, 43.1915, 48.4070



37.8520, 43.1915, 30.4446



37.0751, 43.1915, 67.0052

Complementary

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



48.9059, 43.1915, 48.4070



49.0782, 60.2103, 61.8613

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.



34.7574, 43.1915, 57.0844



48.9059, 43.1915, 48.4070



35.1859, 43.1915, 36.2050

Square

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



48.9059, 43.1915, 48.4070



41.5309, 43.1915, 28.8590



34.0879, 43.1915, 45.6758



40.5773, 43.1915, 71.5646

Rectangle

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



48.9059, 43.1915, 48.4070



46.3902, 43.1915, 33.2819



34.0879, 43.1915, 45.6758



36.1403, 43.1915, 64.1179

Sweetspot

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



48.9071, 43.1935, 48.4079



86.7708, 86.8226, 95.7170



48.0382, 42.2685, 69.9172



18.2591, 18.0869, 19.9813



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.



48.9071, 43.1935, 48.4079



68.1587, 57.6596, 64.6614



48.8336, 45.7717, 39.9817



12.5923, 12.4884, 13.7931



17.4990, 8.9359, 4.6658



1.0933, 0.5541, 0.4809

Inverse Universe

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



48.9071, 43.1935, 48.4079



68.1587, 57.6596, 64.6614



49.0365, 56.6273, 72.6361



12.5923, 12.4884, 13.7931



17.4990, 8.9359, 4.6658



1.0933, 0.5541, 0.4809

Previews

White Background



This preview shows how the XYZ color 48.9059, 43.1915, 48.4070 looks on a white background.

Color Contrast Check

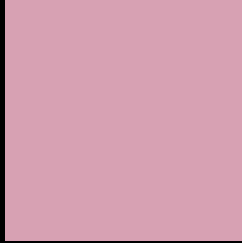
Large Text (above 18pt) WCAG AA × Fail

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 48.9059, 43.1915, 48.4070 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 48.9059, 43.1915, 48.4070

Background



This preview shows how black text looks on a background with the XYZ color 48.9059, 43.1915, 48.4070.



This preview shows how white text looks on a background with the XYZ color 48.9059, 43.1915,

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

48.9059, 43.1915, 48.4070

Protanopia

42.2041, 43.4779, 53.1814

Deuteranopia

44.0488, 43.1302, 47.5983



Tritanopia

48.2919, 43.1928, 45.8362

Trichromacy



Original Color

48.9059, 43.1915, 48.4070

Protanomaly

44.2617, 43.1573, 51.3447

Deuteranomaly

45.6740, 43.1311, 48.0373

Tritanomaly

48.4884, 43.2714, 46.8709

Monochromacy



Original Color

48.9059, 43.1915, 48.4070

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.6274, 43.9662, 48.7820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9059, 43.1915, 48.4070 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(215, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(215, 161, 179)  
}
```

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(215, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 161, 179) }
```

Border

The CSS property to change the border of an element to XYZ 48.9059, 43.1915, 48.4070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

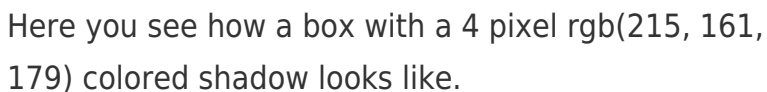
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 161, 179) }
```


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

```
.border{ border-color:rgb(215, 161, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(215, 161,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9059, 43.1915, 48.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 161, 179) }
```

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

```
.background{ background-color: rgb(215,  
161, 179) }
```

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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