

Converting Colors

XYZ(48.7489, 45.3532, 48.9959)

Have a look what the booklet for
XYZ(48.7489, 45.3532, 48.9959)
contains.

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Color

**XYZ(48.6191, 45.1859,
48.8071)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A9B3
RGB	209, 169, 179
RGB Percent	82%, 66%, 70%
CMY	0.1804, 0.3372, 0.2980
CMYK	0.00, 0.19, 0.14, 0.18
HSL	345°, 30%, 74%
HSV	345°, 19%, 82%
XYZ	48.6191, 45.1859, 48.8071
YIQ	182.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

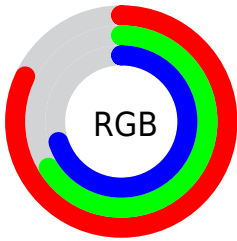
Format	Color
R _Y B	209, 169, 179
Decimal	13740467
CIE Lab	73.01, 16.20, 0.41
CIE LCh	73, 16.200, 1.448
Yxy	45.1859, 0.3409, 0.3168
Android (android.graphics.Color)	4291930547 (0xFFD1A9B3)
YUV	182.1000, -1.5283, 23.5913
Hunter-Lab	67.2205, 11.4694, 4.0053

Details

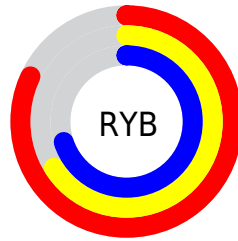
The XYZ color **48.6191, 45.1859, 48.8071** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4732, 58.1605, 62.6541**, and the grayscale version is **44.5191, 46.8376, 51.0061**.

A 20% lighter version of the original color is **82.8911, 80.5695, 89.7799**, and **23.4536, 21.0990, 22.5750** is the 20% darker color. If you saturate the color by 10%, you get **43.5410, 37.4242, 39.7318**, and if you desaturate by 10%, it is **54.5015, 54.2668, 59.0409**.

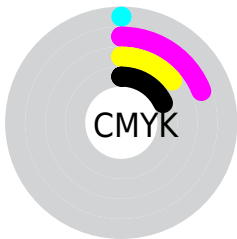
Distribution



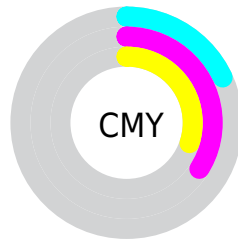
- Red (82%)
- Green (66%)
- Blue (70%)



- Red (82%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (18%)





- Cyan (18%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6191, 45.1859, 48.8071 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 48.6191, 45.1859, 48.8071 by changing the saturation by 10% instead.


 48.6191, 45.1859,
48.8071


 48.6191, 45.1859,
48.8071


371.7827,
367.5259, 398.5830

 34.5307, 31.6039,
34.1020


 87.3296, 82.9993,
89.7829

 23.4664, 21.0591,
22.6939


 112.6824,
107.9995, 116.8907

 15.0609, 13.1672,
14.1645


142.5208,
137.5745, 148.9697

 8.9487, 7.5438,
8.0951

177.2100,
172.1087, 186.4385

 4.7646, 3.8045,
4.0672

217.1154,
211.9866, 229.7158

 2.1431, 1.5648,
1.6623

262.6025,

 0.7125, 0.3337,

257.5925, 279.2199

0.3347

314.0365,
309.3108, 335.3695

■ 0.0000, 0.0000,
0.0000

■ 48.6191, 45.1859,
48.8071

■ 48.6191, 45.1859,
48.8071

■ 43.5410, 37.4242,
39.7318

■ 54.5015, 54.2668,
59.0409

■ 39.2280, 30.9141,
31.7707

■ 61.2176, 64.7180,
70.4697

■ 35.6431, 25.5916,
24.8808

■ 68.8000, 76.5955,
83.1318

■ 32.7447, 21.3842,
19.0149

■ 77.2785, 89.9502,
97.0630

■ 30.4870, 18.2115,
14.1226

■ 80.1047, 92.2954,
108.2006

■ 28.8181, 15.9824,
10.1484

■ 27.6777, 14.5895,
7.0309

■ 26.9705, 13.8571,
4.6929

■ 26.9198, 13.8055,
4.5226

Harmonies

Analogous

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



47.9059, 45.1859, 57.0285



48.6191, 45.1859, 48.8071



47.7581, 45.1859, 41.5106

Triad

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



48.6191, 45.1859, 48.8071



40.1716, 45.1859, 37.0690



40.3998, 45.1859, 64.1934

Complementary

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



48.6191, 45.1859, 48.8071



49.4732, 58.1605, 62.6541

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.



38.4719, 45.1859, 57.7843



48.6191, 45.1859, 48.8071



38.3443, 45.1859, 42.1224

Square

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



48.6191, 45.1859, 48.8071



42.8105, 45.1859, 35.2102



37.7357, 45.1859, 49.5945



43.0855, 45.1859, 66.4765

Rectangle

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



48.6191, 45.1859, 48.8071



46.4283, 45.1859, 37.9934



37.7357, 45.1859, 49.5945



39.6458, 45.1859, 62.4178

Sweetspot

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



48.6204, 45.1879, 48.8080



88.5688, 89.9065, 97.8951



49.2512, 45.1236, 66.4359



18.8127, 19.0189, 20.7062



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.



48.6204, 45.1879, 48.8080



72.8179, 65.6015, 70.4581



49.5775, 48.6619, 44.3183



11.9282, 11.8560, 12.8978



16.6315, 8.5254, 2.9655



0.9624, 0.4897, 0.3366

Inverse Universe

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



48.6204, 45.1879, 48.8080



72.8179, 65.6015, 70.4581



48.2958, 53.8867, 68.1777



11.9282, 11.8560, 12.8978



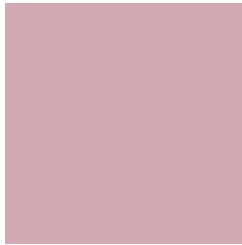
16.6315, 8.5254, 2.9655



0.9624, 0.4897, 0.3366

Previews

White Background



This preview shows how the XYZ color 48.6191, 45.1859, 48.8071 looks on a white background.

Color Contrast Check

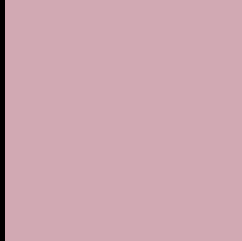
Large Text (above 18pt) WCAG AA × Fail

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 48.6191, 45.1859, 48.8071 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 48.6191, 45.1859, 48.8071

Background



This preview shows how black text looks on a background with the XYZ color 48.6191, 45.1859, 48.8071.



This preview shows how white text looks on a background with the XYZ color 48.6191, 45.1859,

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

48.6191, 45.1859, 48.8071

Protanopia

43.7334, 45.1673, 52.3121

Deuteranopia

46.1979, 45.3568, 48.4393



Tritanopia

48.9260, 45.3086, 50.4227

Trichromacy



Original Color

48.6191, 45.1859, 48.8071

Protanomaly

45.3631, 45.1552, 51.1247

Deuteranomaly

46.8758, 45.1369, 48.3612

Tritanomaly

48.8230, 45.2674, 49.8803

Monochromacy



Original Color

48.6191, 45.1859, 48.8071

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.8009, 45.9869, 50.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6191, 45.1859, 48.8071 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, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(209, 169, 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(209, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 169, 179) }
```

Border

The CSS property to change the border of an element to XYZ 48.6191, 45.1859, 48.8071 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, 169, 179) }
```


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

```
.border{ border-color:rgb(209, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(209, 169,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6191, 45.1859, 48.8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 169, 179) }
```

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

```
.background{ background-color: rgb(209,  
169, 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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