

Converting Colors

XYZ(48.8178, 49.0475, 50.6108)

Have a look what the booklet for
XYZ(48.8178, 49.0475, 50.6108)
contains.

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Color

**XYZ(48.8879, 49.0715,
50.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B6B5
RGB	200, 182, 181
RGB Percent	78%, 71%, 71%
CMY	0.2157, 0.2863, 0.2902
CMYK	0.00, 0.09, 0.09, 0.22
HSL	3°, 15%, 75%
HSV	3°, 9%, 78%
XYZ	48.8879, 49.0715, 50.6111
YIQ	187.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

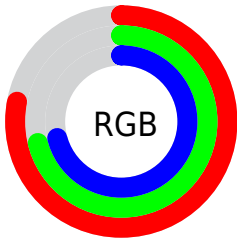
Format	Color
R _Y B	200, 182, 181
Decimal	13153973
CIE Lab	75.50, 6.23, 2.83
CIE LCh	75, 6.844, 24.379
Yxy	49.0715, 0.3291, 0.3303
Android (android.graphics.Color)	4291344053 (0xFFC8B6B5)
YUV	187.2680, -3.0901, 11.1660
Hunter-Lab	70.0511, 1.9839, 6.1994

Details

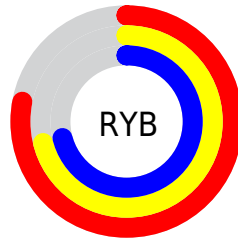
The XYZ color **48.8879, 49.0715, 50.6111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9046, 54.8397, 62.5991**, and the grayscale version is **47.3991, 49.8675, 54.3057**.

A 20% lighter version of the original color is **87.1006, 88.5235, 92.6168**, and **23.6006, 23.3700, 23.6891** is the 20% darker color. If you saturate the color by 10%, you get **43.3609, 41.0689, 39.3605**, and if you desaturate by 10%, it is **55.2371, 58.2459, 63.5904**.

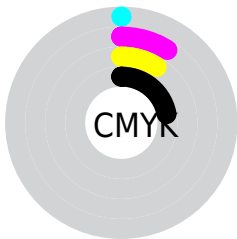
Distribution



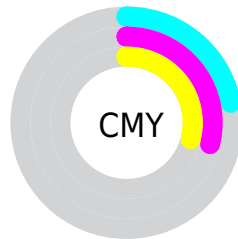
- Red (78%)
- Green (71%)
- Blue (71%)



- Red (78%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8879, 49.0715, 50.6111 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 48.8879, 49.0715, 50.6111 by changing the saturation by 10% instead.


 48.8879, 49.0715,
50.6111

 48.8879, 49.0715,
50.6111


372.8251,
383.0237, 405.8543

 34.7447, 34.6762,
35.5246


 87.7267, 88.7976,
92.4853

 23.6319, 23.4136,
23.7805


113.1530,
114.8973, 120.1100

 15.1840, 14.8992,
14.9602


143.0710,
145.6671, 152.7513

 9.0358, 8.7487,
8.6451

177.8462,
181.4916, 190.8276

 4.8218, 4.5776,
4.4168

217.8438,
222.7551, 234.7575

 2.1768, 2.0016,
1.8567

263.4293,

 0.7305, 0.6084,

269.8421, 284.9596

0.4650

314.9679,
323.1368, 341.8523

■ 0.0000, 0.0000,
0.0000

■ 48.8879, 49.0715,
50.6111

■ 48.8879, 49.0715,
50.6111

■ 43.3609, 41.0689,
39.3605

■ 55.2371, 58.2459,
63.5904

■ 38.6186, 34.1848,
29.7626

■ 62.4359, 68.6298,
78.3638

■ 34.6266, 28.3714,
21.7407

■ 70.5155, 80.2673,
94.9969

■ 31.3465, 23.5748,
15.2104

■ 77.6297, 91.0195,
108.0847

■ 28.7364, 19.7366,
10.0797

■ 26.7500, 16.7923,
6.2463

■ 25.3351, 14.6698,
3.5941

■ 24.4310, 13.2855,
1.9862

■ 23.9508, 12.5330,
1.1855

Harmonies

Analogous

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



49.0996, 49.0715, 54.1146



48.8879, 49.0715, 50.6111



48.0696, 49.0715, 47.9744

Triad

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



48.8879, 49.0715, 50.6111



44.6948, 49.0715, 49.4816



46.4035, 49.0715, 60.6546

Complementary

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



48.8879, 49.0715, 50.6111



49.9046, 54.8397, 62.5991

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.



45.2409, 49.0715, 59.2853



48.8879, 49.0715, 50.6111



44.2659, 49.0715, 52.7522

Square

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



48.8879, 49.0715, 50.6111



45.6458, 49.0715, 47.3432



44.4640, 49.0715, 56.3528



47.6505, 49.0715, 60.0185

Rectangle

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



48.8879, 49.0715, 50.6111



47.2979, 49.0715, 47.0090



44.4640, 49.0715, 56.3528



45.9902, 49.0715, 60.4118

Sweetspot

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



48.8893, 49.0737, 50.6121



91.5744, 94.9807, 101.7858



50.6586, 49.4536, 60.9394



19.4068, 20.0496, 21.3897



0.0000, 0.0000, 0.0000



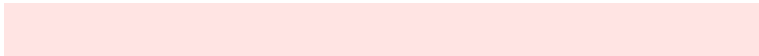
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8893, 49.0737, 50.6121



82.9606, 82.5280, 84.1939



50.8897, 53.0744, 51.2789



10.6781, 10.7253, 11.0702



15.2388, 7.9948, 0.7400



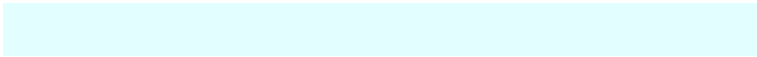
0.7376, 0.4106, 0.0404

Inverse Universe

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



49.9046, 54.8397, 62.5991



85.0019, 94.1210, 108.2948



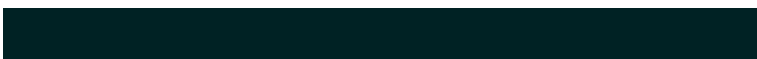
47.7982, 50.6269, 61.8970



10.8969, 11.9678, 13.6532



18.2802, 25.9543, 38.7906



0.8806, 1.2590, 1.8417

Previews

White Background



This preview shows how the XYZ color 48.8879, 49.0715, 50.6111 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 48.8879, 49.0715, 50.6111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

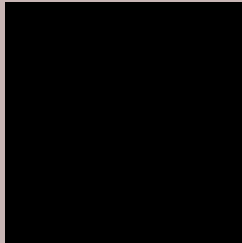
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8879, 49.0715, 50.6111

Background



This preview shows how black text looks on a background with the XYZ color 48.8879, 49.0715, 50.6111.



This preview shows how white text looks on a background with the XYZ color 48.8879, 49.0715,

50.6111.

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

48.8879, 49.0715, 50.6111

Protanopia

47.1314, 49.0640, 51.7859

Deuteranopia

50.1153, 49.1005, 50.5520



Tritanopia

50.4160, 49.0941, 57.8578

Trichromacy



Original Color

48.8879, 49.0715, 50.6111

Protanomaly

47.8321, 49.1277, 51.2175

Deuteranomaly

49.7662, 49.2213, 50.5938

Tritanomaly

49.7966, 49.1394, 55.0044

Monochromacy



Original Color

48.8879, 49.0715, 50.6111

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8441, 49.4072, 52.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8879, 49.0715, 50.6111 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, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 181)  
}
```

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, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.8879, 49.0715, 50.6111 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, 182, 181) }
```


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

```
.border{ border-color:rgb(200, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8879, 49.0715, 50.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 181) }
```

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

```
.background{ background-color: rgb(200,  
182, 181) }
```

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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