

Converting Colors

XYZ(48.8073, 49.1866, 57.3736)

Have a look what the booklet for
XYZ(48.8073, 49.1866, 57.3736)
contains.

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Color

**XYZ(48.8073, 49.1866,
57.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B7C1
RGB	194, 183, 193
RGB Percent	76%, 72%, 76%
CMY	0.2392, 0.2823, 0.2431
CMYK	0.00, 0.06, 0.01, 0.24
HSL	305°, 8%, 74%
HSV	305°, 6%, 76%
XYZ	48.8073, 49.1866, 57.3736
YIQ	187.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

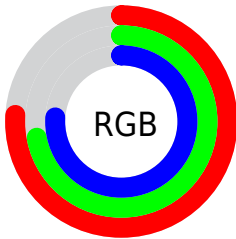
Format	Color
RYB	194, 183, 193
Decimal	12761025
CIELab	75.57, 5.71, -3.67
CIELCh	76, 6.782, 327.281
Yxy	49.1866, 0.3141, 0.3166
Android (android.graphics.Color)	4290951105 (0xFFC2B7C1)
YUV	187.4290, 2.7465, 5.7628
Hunter-Lab	70.1332, 1.4893, 0.5900

Details

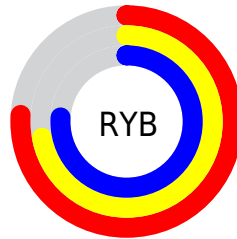
The XYZ color **48.8073, 49.1866, 57.3736** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4739, 52.1129, 52.9067**, and the grayscale version is **47.4612, 49.9329, 54.3769**.

A 20% lighter version of the original color is **87.3897, 88.8966, 102.1753**, and **23.5315, 23.4342, 28.0939** is the 20% darker color. If you saturate the color by 10%, you get **44.8833, 41.6511, 55.1008**, and if you desaturate by 10%, it is **53.2880, 57.8303, 59.8448**.

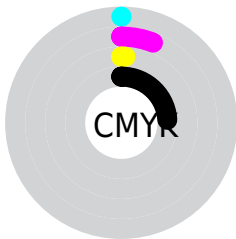
Distribution



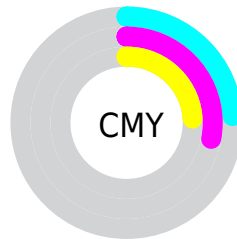
- Red (76%)
- Green (72%)
- Blue (76%)



- Red (76%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8073, 49.1866, 57.3736 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 48.8073, 49.1866, 57.3736 by changing the saturation by 10% instead.

■ 48.8073, 49.1866,
57.3736

■ 48.8073, 49.1866,
57.3736

372.5128,
383.4765, 432.3807

■ 34.6805, 34.7675,
40.8939

■ 87.6076, 88.9685,
102.5159

■ 23.5823, 23.4839,
27.9171

113.0119,
115.1002, 132.0155

■ 15.1471, 14.9512,
18.0247

142.9061,
145.9048, 166.6922

■ 9.0097, 8.7851,
10.7981

177.6555,
181.7668, 206.9645

■ 4.8046, 4.6013,
5.8188

217.6255,
223.0706, 253.2510

■ 2.1667, 2.0153,
2.6682

263.1815,

■ 0.7251, 0.6163,

270.2005, 305.9701

0.9274

314.6888,
323.5410, 365.5405

■ 0.0000, 0.0000,
0.0000

■ 48.8073, 49.1866,
57.3736

■ 48.8073, 49.1866,
57.3736

■ 44.8833, 41.6511,
55.1008

■ 53.2880, 57.8303,
59.8448

■ 41.4894, 35.1727,
53.0156

■ 58.3423, 67.6182,
62.5182

■ 38.6030, 29.7055,
51.1111

■ 63.9916, 78.5924,
65.4016

■ 36.1982, 25.1979,
49.3786

■ 68.4407, 87.1624,
67.8966

■ 34.2471, 21.5939,
47.8088

■ 68.6483, 87.2454,
68.9896

■ 32.7186, 18.8314,
46.3912

■ 68.8582, 87.3294,
70.0951

■ 31.5778, 16.8407,
45.1142

■ 69.0706, 87.4143,
71.2133

■ 30.7842, 15.5408,
43.9642

■ 69.2853, 87.5002,
72.3441

■ 30.2876, 14.8311,
42.9245

■ 69.5025, 87.5871,
73.4876

Harmonies

Analogous

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



47.8637, 49.1866, 59.9269



48.8073, 49.1866, 57.3736



49.1991, 49.1866, 53.8839

Triad

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



48.8073, 49.1866, 57.3736



46.8648, 49.1866, 46.9536



44.6411, 49.1866, 56.7819

Complementary

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



48.8073, 49.1866, 57.3736



47.4739, 52.1129, 52.9067

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.



44.3843, 49.1866, 53.2291



48.8073, 49.1866, 57.3736



45.6545, 49.1866, 47.6531

Square

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



48.8073, 49.1866, 57.3736



48.0651, 49.1866, 47.9567



44.7521, 49.1866, 49.9113



45.4599, 49.1866, 59.5747

Rectangle

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



48.8073, 49.1866, 57.3736



49.0894, 49.1866, 51.5318



44.7521, 49.1866, 49.9113



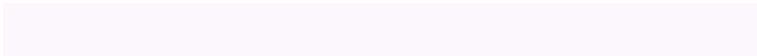
44.4869, 49.1866, 55.6323

Sweetspot

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



48.8087, 49.1887, 57.3747



91.2608, 94.5743, 105.5325



46.4205, 47.9446, 57.8474



20.0026, 20.7444, 23.1202



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.



48.8087, 49.1887, 57.3747



87.3408, 87.0246, 103.3309



48.2155, 48.9514, 54.2510



10.6241, 10.5534, 12.5905



19.8188, 9.6173, 28.0216



0.8681, 0.4202, 1.2727

Inverse Universe

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



48.8087, 49.1887, 57.3747



87.3408, 87.0246, 103.3309



48.0526, 52.3444, 55.9540



10.6241, 10.5534, 12.5905



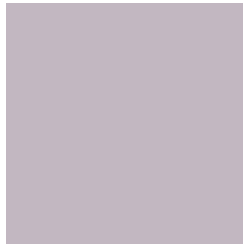
19.8188, 9.6173, 28.0216



0.8681, 0.4202, 1.2727

Previews

White Background



This preview shows how the XYZ color 48.8073, 49.1866, 57.3736 looks on a white background.

Color Contrast Check

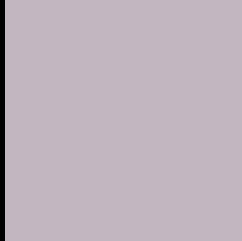
Large Text (above 18pt) WCAG AA × Fail

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 48.8073, 49.1866, 57.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

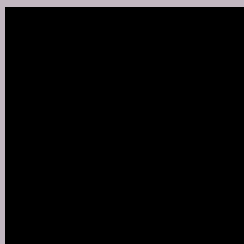
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8073, 49.1866, 57.3736

Background



This preview shows how black text looks on a background with the XYZ color 48.8073, 49.1866, 57.3736.



This preview shows how white text looks on a background with the XYZ color 48.8073, 49.1866,

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

48.8073, 49.1866, 57.3736

Protanopia

47.5801, 49.1578, 58.0196

Deuteranopia

50.2369, 49.3155, 57.3232



Tritanopia

49.3117, 49.0892, 59.6995

Trichromacy



Original Color

48.8073, 49.1866, 57.3736

Protanomaly

48.1133, 49.1232, 57.9848

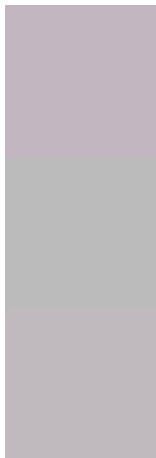
Deuteranomaly

49.6423, 49.3119, 57.3538

Tritanomaly

49.1974, 49.0435, 59.0979

Monochromacy



Original Color

48.8073, 49.1866, 57.3736

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.9794, 49.7391, 55.2159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8073, 49.1866, 57.3736 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(194, 183, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 193)  
}
```

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(194, 183, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.8073, 49.1866, 57.3736 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(194, 183, 193) }
```


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

```
.border{ border-color:rgb(194, 183, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8073, 49.1866, 57.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 193) }
```

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

```
.background{ background-color: rgb(194,  
183, 193) }
```

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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