

Converting Colors

XYZ(48.9157, 48.0794, 55.2742)

Have a look what the booklet for
XYZ(48.9157, 48.0794, 55.2742)
contains.

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Color

**XYZ(48.9676, 48.1000,
55.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B3BE
RGB	199, 179, 190
RGB Percent	78%, 70%, 75%
CMY	0.2196, 0.2980, 0.2549
CMYK	0.00, 0.10, 0.05, 0.22
HSL	327°, 15%, 74%
HSV	327°, 10%, 78%
XYZ	48.9676, 48.1000, 55.4186
YIQ	186.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

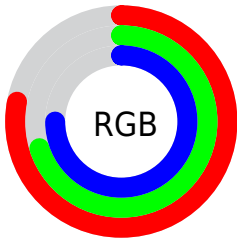
Format	Color
R_{YB}	199, 179, 190
Decimal	13087678
CIE Lab	74.89, 9.07, -2.98
CIE LCh	75, 9.549, 341.810
Yxy	48.1000, 0.3211, 0.3154
Android (android.graphics.Color)	4291277758 (0xFFC7B3BE)
YUV	186.2340, 1.8566, 11.1958
Hunter-Lab	69.3542, 4.6604, 1.1713

Details

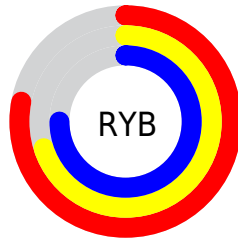
The XYZ color **48.9676, 48.1000, 55.4186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0928, 54.0628, 55.4800**, and the grayscale version is **46.7910, 49.2278, 53.6091**.

A 20% lighter version of the original color is **87.5829, 87.3305, 99.4291**, and **23.6533, 22.7476, 26.8110** is the 20% darker color. If you saturate the color by 10%, you get **44.3147, 40.3125, 49.1856**, and if you desaturate by 10%, it is **54.2590, 57.0669, 62.1624**.

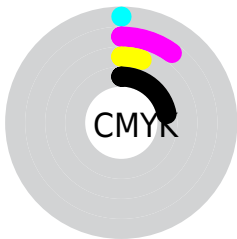
Distribution



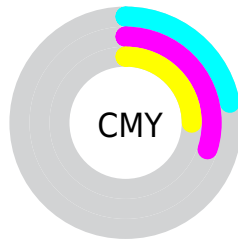
- Red (78%)
- Green (70%)
- Blue (75%)



- Red (78%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9676, 48.1000, 55.4186 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 48.9676, 48.1000, 55.4186 by changing the saturation by 10% instead.

■ 48.9676, 48.1000,
55.4186

■ 48.9676, 48.1000,
55.4186

373.1338,
379.1884, 424.8233

■ 34.8082, 33.9061,
39.3361

■ 87.8443, 87.3533,
99.6313

■ 23.6810, 22.8215,
26.7115

113.2924,
113.1814, 128.5986

■ 15.2206, 14.4617,
17.1261

143.2341,
143.6564, 162.6979

■ 9.0617, 8.4425,
10.1615

178.0347,
179.1627, 202.3477

■ 4.8389, 4.3794,
5.3992

218.0596,
220.0847, 247.9666

■ 2.1868, 1.8880,
2.4205

263.6742,

■ 0.7358, 0.5411,

266.8067, 299.9732

0.7976

315.2438,
319.7131, 358.7859

■ 0.0000, 0.0000,
0.0000

■ 48.9676, 48.1000,
55.4186

■ 48.9676, 48.1000,
55.4186

■ 44.3147, 40.3125,
49.1856

■ 54.2590, 57.0669,
62.1624

■ 40.2707, 33.6487,
43.4465

■ 60.2088, 67.2534,
69.4272

■ 36.8093, 28.0575,
38.1878

■ 66.8414, 78.7057,
77.2265

■ 33.9011, 23.4817,
33.3940

■ 73.0174, 89.1438,
85.1856

■ 31.5137, 19.8583,
29.0485

■ 74.2778, 89.6480,
91.8228

■ 29.6113, 17.1177,
25.1336

■ 75.6033, 90.1782,
98.8031

■ 28.1531, 15.1803,
21.6294

■ 76.9950, 90.7349,
106.1314

■ 27.0910, 13.9520,
18.5135

■ 77.3636, 90.8823,
108.0723

■ 26.3374, 13.2558,
15.7618

Harmonies

Analogous

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



47.9826, 48.1000, 59.8377



48.9676, 48.1000, 55.4186



49.0685, 48.1000, 50.4376

Triad

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



48.9676, 48.1000, 55.4186



45.0368, 48.1000, 43.5493



43.2709, 48.1000, 59.0181

Complementary

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



48.9676, 48.1000, 55.4186



48.0928, 54.0628, 55.4800

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.



42.5229, 48.1000, 54.3567



48.9676, 48.1000, 55.4186



43.5250, 48.1000, 45.5559

Square

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



48.9676, 48.1000, 55.4186



46.7691, 48.1000, 43.7936



42.6147, 48.1000, 49.4405



44.6820, 48.1000, 62.0049

Rectangle

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



48.9676, 48.1000, 55.4186



48.6177, 48.1000, 47.4866



42.6147, 48.1000, 49.4405



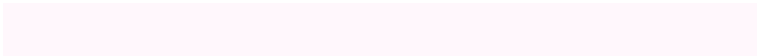
42.9352, 48.1000, 57.5830

Sweetspot

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



48.9690, 48.1021, 55.4196



92.1084, 94.9960, 105.2092



47.1698, 47.0574, 60.6305



19.5506, 20.0539, 22.3110



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.



48.9690, 48.1021, 55.4196



83.9145, 81.1511, 94.6385



47.9132, 47.6798, 49.8602



10.8738, 10.7329, 12.3188



16.9800, 8.5416, 10.3704



0.8401, 0.4189, 0.6814

Inverse Universe

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



48.9690, 48.1021, 55.4196



83.9145, 81.1511, 94.6385



49.2084, 54.5090, 61.3547



10.8738, 10.7329, 12.3188



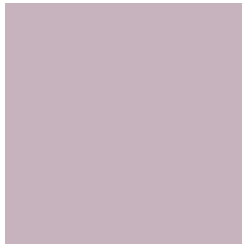
16.9800, 8.5416, 10.3704



0.8401, 0.4189, 0.6814

Previews

White Background



This preview shows how the XYZ color 48.9676, 48.1000, 55.4186 looks on a white background.

Color Contrast Check

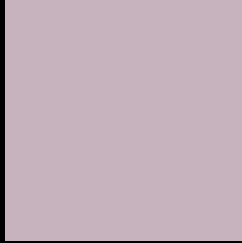
Large Text (above 18pt) WCAG AA × Fail

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 48.9676, 48.1000, 55.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

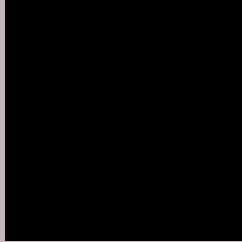
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9676, 48.1000, 55.4186

Background



This preview shows how black text looks on a background with the XYZ color 48.9676, 48.1000, 55.4186.



This preview shows how white text looks on a background with the XYZ color 48.9676, 48.1000,

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

48.9676, 48.1000, 55.4186

Protanopia

46.5667, 48.0315, 57.2688

Deuteranopia

49.2338, 48.2373, 55.4310



Tritanopia

49.2989, 48.2326, 57.1636

Trichromacy



Original Color

48.9676, 48.1000, 55.4186

Protanomaly

47.4776, 48.2088, 56.6721

Deuteranomaly

49.2338, 48.2373, 55.4310

Tritanomaly

49.1877, 48.1881, 56.5779

Monochromacy



Original Color

48.9676, 48.1000, 55.4186

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3890, 48.5312, 53.8835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9676, 48.1000, 55.4186 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(199, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 190)  
}
```

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(199, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.9676, 48.1000, 55.4186 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(199, 179, 190) }
```


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

```
.border{ border-color:rgb(199, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9676, 48.1000, 55.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 190) }
```

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

```
.background{ background-color: rgb(199,  
179, 190) }
```

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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