

Converting Colors

XYZ(48.4675, 49.8690, 53.6360)

Have a look what the booklet for
XYZ(48.4675, 49.8690, 53.6360)
contains.

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Color

**XYZ(48.6700, 50.1323,
53.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BABA
RGB	194, 186, 186
RGB Percent	76%, 73%, 73%
CMY	0.2392, 0.2706, 0.2706
CMYK	0.00, 0.04, 0.04, 0.24
HSL	0°, 6%, 75%
HSV	0°, 4%, 76%
XYZ	48.6700, 50.1323, 53.5657
YIQ	188.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

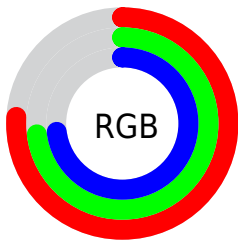
Format	Color
RYB	194, 186, 186
Decimal	12761786
CIELab	76.15, 2.82, 1.00
CIELCh	76, 2.987, 19.471
Yxy	50.1323, 0.3194, 0.3290
Android (android.graphics.Color)	4290951866 (0xFFC2BABA)
YUV	188.3920, -1.1793, 4.9182
Hunter-Lab	70.8042, -1.2084, 4.7081

Details

The XYZ color **48.6700, 50.1323, 53.5657** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2791, 52.9171, 58.6564**, and the grayscale version is **48.0287, 50.5299, 55.0270**.

A 20% lighter version of the original color is **87.2035, 90.2391, 96.8262**, and **23.4364, 24.0440, 25.5960** is the 20% darker color. If you saturate the color by 10%, you get **42.9345, 41.7404, 42.1600**, and if you desaturate by 10%, it is **55.2428, 59.7495, 66.6332**.

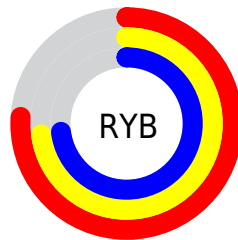
Distribution



Red (76%)

Green (73%)

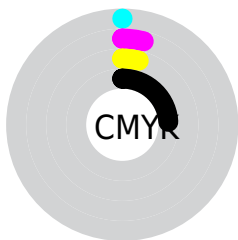
Blue (73%)



Red (76%)

Yellow (73%)

Blue (73%)

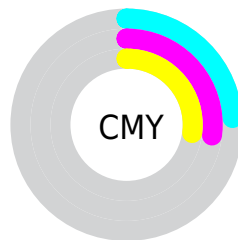


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6700, 50.1323, 53.5657 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 48.6700, 50.1323, 53.5657 by changing the saturation by 10% instead.

■ 48.6700, 50.1323,
53.5657

■ 48.6700, 50.1323,
53.5657

371.9803,
387.1831, 417.5794

■ 34.5712, 35.5185,
37.8637

■ 87.4048, 90.3709,
96.8862

■ 23.4977, 24.0626,
25.5759

112.7716,
116.7645, 125.3419

■ 15.0842, 15.3800,
16.2838

142.6250,
147.8534, 158.8859

■ 8.9652, 9.0865,
9.5686

177.3305,
184.0222, 197.9367

■ 4.7754, 4.7977,
5.0121

217.2534,
225.6552, 242.9129

■ 2.1495, 2.1290,
2.1955

262.7591,

■ 0.7159, 0.6809,

273.1367, 294.2331

0.6718

314.2130,
326.8512, 352.3158

■ 0.0000, 0.0000,
0.0000

■ 48.6700, 50.1323,
53.5657

■ 48.6700, 50.1323,
53.5657

■ 42.9345, 41.7404,
42.1600

■ 55.2428, 59.7495,
66.6332

■ 37.9987, 34.5183,
32.3465

■ 62.6803, 70.6314,
81.4220

■ 33.8284, 28.4162,
24.0554

■ 71.0136, 82.8240,
97.9925

■ 30.3852, 23.3780,
17.2104

■ 76.0585, 90.2095,
108.0112

■ 27.6276, 19.3427,
11.7287

■ 25.5098, 16.2434,
7.5192

■ 23.9802, 14.0049,
4.4797

■ 22.9797, 12.5404,
2.4919

■ 22.4364, 11.7450,
1.4134

Harmonies

Analogous

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



48.7140, 50.1323, 55.1501



48.6700, 50.1323, 53.5657



48.3513, 50.1323, 52.2787

Triad

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



48.6700, 50.1323, 53.5657



46.8368, 50.1323, 52.6092



47.4531, 50.1323, 57.6688

Complementary

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



48.6700, 50.1323, 53.5657



49.2791, 52.9171, 58.6564

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.



46.9541, 50.1323, 56.9593



48.6700, 50.1323, 53.5657



46.6001, 50.1323, 54.0249

Square

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



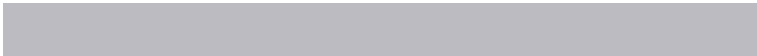
48.6700, 50.1323, 53.5657



47.2918, 50.1323, 51.7340



46.6429, 50.1323, 55.6183



48.0085, 50.1323, 57.5400

Rectangle

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



48.6700, 50.1323, 53.5657



48.0272, 50.1323, 51.7527



46.6429, 50.1323, 55.6183



47.2733, 50.1323, 57.5199

Sweetspot

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



48.6714, 50.1345, 53.5668



91.7145, 96.0026, 104.0777



49.5454, 50.4830, 58.1726



20.0972, 21.0421, 22.8172



0.0000, 0.0000, 0.0000



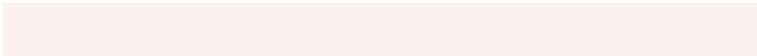
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6714, 50.1345, 53.5668



87.1214, 89.2822, 94.9452



49.5253, 51.8422, 53.8514



10.5598, 10.7900, 11.4431



14.6282, 7.5422, 0.6848



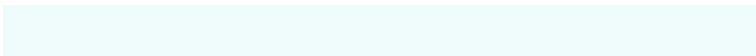
0.6322, 0.3261, 0.0296

Inverse Universe

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



49.2791, 52.9171, 58.6564



88.4690, 95.4525, 106.2311



48.4015, 51.1619, 58.3639



10.7411, 11.6202, 12.9616



19.0747, 27.9058, 37.9376



0.8243, 1.2060, 1.6392

Previews

White Background



This preview shows how the XYZ color 48.6700, 50.1323, 53.5657 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 48.6700, 50.1323, 53.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

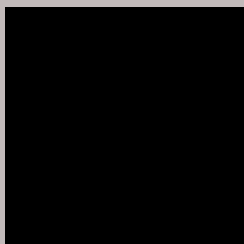
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

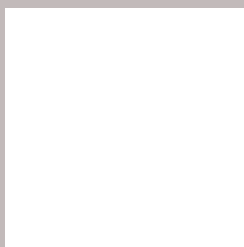
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6700, 50.1323, 53.5657

Background



This preview shows how black text looks on a background with the XYZ color 48.6700, 50.1323, 53.5657.

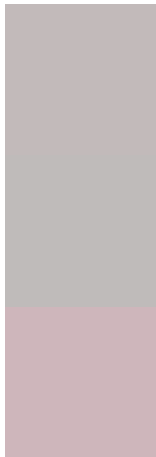


This preview shows how white text looks on a background with the XYZ color 48.6700, 50.1323,

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

48.6700, 50.1323, 53.5657

Protanopia

48.1191, 50.1622, 53.6005

Deuteranopia

51.1512, 50.1656, 54.0007



Tritanopia

50.2142, 50.1403, 61.0643

Trichromacy



Original Color

48.6700, 50.1323, 53.5657

Protanomaly

48.3715, 50.2923, 53.6123

Deuteranomaly

50.2602, 50.0114, 54.0179

Tritanomaly

49.5922, 50.1951, 58.1138

Monochromacy



Original Color

48.6700, 50.1323, 53.5657

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9752, 50.0757, 54.1507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6700, 50.1323, 53.5657 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, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 186)  
}
```

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, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 48.6700, 50.1323, 53.5657 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, 186, 186) }
```


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

```
.border{ border-color:rgb(194, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6700, 50.1323, 53.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 186) }
```

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

```
.background{ background-color: rgb(194,  
186, 186) }
```

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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