

Converting Colors

XYZ(48.9448, 49.9198, 57.0026)

Have a look what the booklet for
XYZ(48.9448, 49.9198, 57.0026)
contains.

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Color

**XYZ(48.8557, 49.8412,
56.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B9C0
RGB	193, 185, 192
RGB Percent	76%, 73%, 75%
CMY	0.2431, 0.2745, 0.2471
CMYK	0.00, 0.04, 0.01, 0.24
HSL	308°, 6%, 74%
HSV	308°, 4%, 76%
XYZ	48.8557, 49.8412, 56.9145
YIQ	188.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

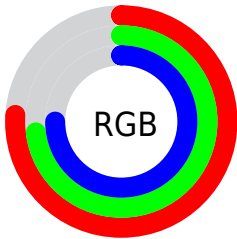
Format	Color
R _Y B	193, 185, 192
Decimal	12696000
CIE Lab	75.97, 4.09, -2.54
CIE LCh	76, 4.817, 328.225
Yxy	49.8412, 0.3140, 0.3203
Android (android.graphics.Color)	4290886080 (0xFFC1B9C0)
YUV	188.1900, 1.8783, 4.2184
Hunter-Lab	70.5983, -0.0208, 1.6208

Details

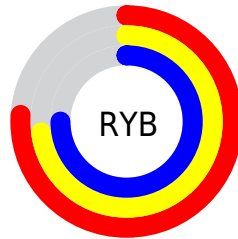
The XYZ color **48.8557, 49.8412, 56.9145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9424, 52.0007, 53.9672**, and the grayscale version is **47.8978, 50.3922, 54.8771**.

A 20% lighter version of the original color is **87.4655, 89.8276, 101.5355**, and **23.7267, 23.9421, 27.7968** is the 20% darker color. If you saturate the color by 10%, you get **44.8245, 42.2025, 54.2628**, and if you desaturate by 10%, it is **53.4422, 58.5821, 59.7741**.

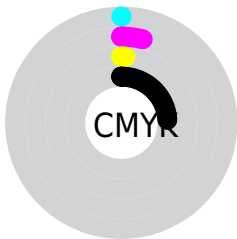
Distribution



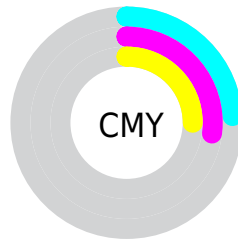
- Red (76%)
- Green (73%)
- Blue (75%)



- Red (76%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8557, 49.8412, 56.9145 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 48.8557, 49.8412, 56.9145 by changing the saturation by 10% instead.

■ 48.8557, 49.8412,
56.9145

■ 48.8557, 49.8412,
56.9145

372.7004,
386.0446, 430.6136

■ 34.7191, 35.2872,
40.5277

■ 87.6791, 89.9395,
101.8395

■ 23.6121, 23.8842,
27.6333

113.0966,
116.2527, 131.2148

■ 15.1693, 15.2478,
17.8128

143.0051,
147.2544, 165.7567

■ 9.0254, 8.9935,
10.6476

177.7700,
183.3290, 205.8837

■ 4.8150, 4.7369,
5.7192

217.7566,
224.8610, 252.0143

■ 2.1727, 2.0937,
2.6091

263.3303,

■ 0.7283, 0.6611,

272.2346, 304.5672

0.8972

314.8564,
325.8344, 363.9608

■ 0.0000, 0.0000,
0.0000

■ 48.8557, 49.8412,
56.9145

■ 48.8557, 49.8412,
56.9145

■ 44.8245, 42.2025,
54.2628

■ 53.4422, 58.5821,
59.7741

■ 41.3223, 35.6157,
51.8085

■ 58.6005, 68.4602,
62.8454

■ 38.3273, 30.0361,
49.5445

■ 64.3516, 79.5167,
66.1362

■ 35.8141, 25.4133,
47.4626

■ 68.3724, 87.1055,
68.8721

■ 33.7555, 21.6928,
45.5534

■ 68.6598, 87.2205,
70.3857

■ 32.1212, 18.8142,
43.8067

■ 68.9517, 87.3372,
71.9228

■ 30.8776, 16.7100,
42.2113

■ 69.2481, 87.4558,
73.4837

■ 29.9857, 15.3024,
40.7540

■ 69.5490, 87.5762,
75.0684

■ 29.3982, 14.4969,
39.4190

■ 69.8545, 87.6984,
76.6770

Harmonies

Analogous

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



48.1939, 49.8412, 58.7434



48.8557, 49.8412, 56.9145



49.1195, 49.8412, 54.4219

Triad

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



48.8557, 49.8412, 56.9145



47.4261, 49.8412, 49.4743



45.8674, 49.8412, 56.6411

Complementary

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



48.8557, 49.8412, 56.9145



47.9424, 52.0007, 53.9672

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.



45.6676, 49.8412, 54.1156



48.8557, 49.8412, 56.9145



46.5606, 49.8412, 50.0270

Square

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



48.8557, 49.8412, 56.9145



48.2876, 49.8412, 50.1722



45.9198, 49.8412, 51.7060



46.4691, 49.8412, 58.5821

Rectangle

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



48.8557, 49.8412, 56.9145



49.0317, 49.8412, 52.7366



45.9198, 49.8412, 51.7060



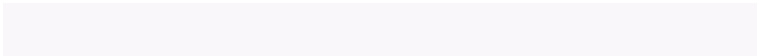
45.7513, 49.8412, 55.8300

Sweetspot

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



48.8571, 49.8433, 56.9156



89.9627, 93.9489, 103.4961



47.2103, 48.9815, 57.4188



19.3088, 20.1720, 22.2089



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.8571, 49.8433, 56.9156



86.7858, 87.9070, 101.4755



48.4272, 49.6714, 54.6517



10.7869, 10.8805, 12.6398



19.4027, 9.4508, 25.8306



0.8538, 0.4145, 1.1977

Inverse Universe

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



48.8571, 49.8433, 56.9156



86.7858, 87.9070, 101.4755



48.3662, 52.1702, 56.1991



10.7869, 10.8805, 12.6398



19.4027, 9.4508, 25.8306



0.8538, 0.4145, 1.1977

Previews

White Background



This preview shows how the XYZ color 48.8557, 49.8412, 56.9145 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 48.8557, 49.8412, 56.9145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

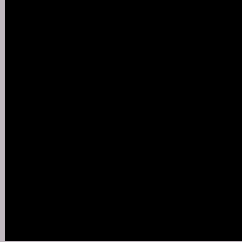
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8557, 49.8412, 56.9145

Background



This preview shows how black text looks on a background with the XYZ color 48.8557, 49.8412, 56.9145.

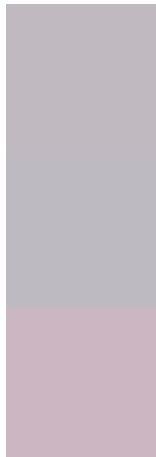


This preview shows how white text looks on a background with the XYZ color 48.8557, 49.8412,

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

48.8557, 49.8412, 56.9145

Protanopia

48.1708, 49.7869, 57.5230

Deuteranopia

50.9822, 50.0027, 57.4165



Tritanopia

49.5817, 49.8275, 60.4305

Trichromacy



Original Color

48.8557, 49.8412, 56.9145

Protanomaly

48.4197, 49.9152, 57.5347

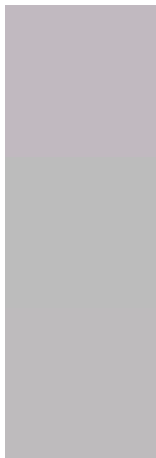
Deuteranomaly

50.1123, 49.8593, 57.4347

Tritanomaly

49.3524, 49.7358, 59.2234

Monochromacy



Original Color

48.8557, 49.8412, 56.9145

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1908, 50.1619, 55.2864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8557, 49.8412, 56.9145 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(193, 185, 192) looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 192)  
}
```

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(193, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.8557, 49.8412, 56.9145 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(193, 185, 192) }
```


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

```
.border{ border-color:rgb(193, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8557, 49.8412, 56.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 192) }
```

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

```
.background{ background-color: rgb(193,  
185, 192) }
```

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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