

Converting Colors

XYZ(47.5110, 47.0652, 58.0130)

Have a look what the booklet for
XYZ(47.5110, 47.0652, 58.0130)
contains.

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Color

**XYZ(47.5089, 46.9874,
58.1952)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B2C3
RGB	192, 178, 195
RGB Percent	75%, 70%, 76%
CMY	0.2471, 0.3019, 0.2353
CMYK	0.02, 0.09, 0.00, 0.24
HSL	289°, 12%, 73%
HSV	289°, 9%, 76%
XYZ	47.5089, 46.9874, 58.1952
YIQ	184.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

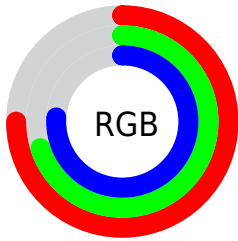
Format	Color
R_{YB}	192, 178, 195
Decimal	12628675
CIE Lab	74.18, 8.10, -6.82
CIE LCh	74, 10.586, 319.879
Yxy	46.9874, 0.3111, 0.3077
Android (android.graphics.Color)	4290818755 (0xFFC0B2C3)
YUV	184.1240, 5.3619, 6.9073
Hunter-Lab	68.5474, 3.7572, -2.3528

Details

The XYZ color **47.5089, 46.9874, 58.1952** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6088, 52.0696, 49.7158**, and the grayscale version is **45.5998, 47.9745, 52.2443**.

A 20% lighter version of the original color is **85.7049, 85.8304, 104.1452**, and **22.7888, 22.0793, 28.2599** is the 20% darker color. If you saturate the color by 10%, you get **43.0406, 39.3289, 56.9532**, and if you desaturate by 10%, it is **52.5518, 55.7635, 59.6241**.

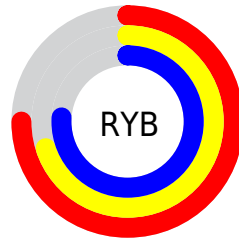
Distribution



Red (75%)

Green (70%)

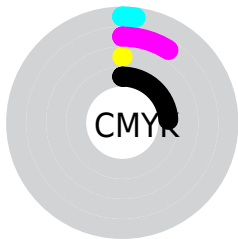
Blue (76%)



Red (75%)

Yellow (70%)

Blue (76%)

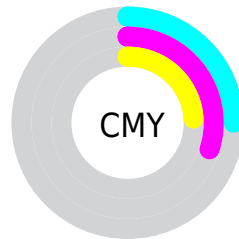


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5089, 46.9874, 58.1952 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 47.5089, 46.9874, 58.1952 by changing the saturation by 10% instead.

■ 47.5089, 46.9874,
58.1952

■ 47.5089, 46.9874,
58.1952

367.4573,
374.7642, 435.5315

■ 33.6478, 33.0257,
41.5499

■ 85.6869, 85.6948,
103.7246

■ 22.7847, 22.1461,
28.4261

110.7344,
111.2093, 133.4458

■ 14.5545, 13.9643,
18.4052

140.2415,
141.3435, 168.3627

■ 8.5916, 8.0958,
11.0689

174.5735,
176.4819, 208.8938

■ 4.5307, 4.1563,
5.9984

214.0957,
217.0087, 255.4577

■ 2.0065, 1.7614,
2.7753

259.1735,

■ 0.6376, 0.4629,

263.3085, 308.4729

0.9811

310.1722,
315.7655, 368.3580

■ 0.0000, 0.0000,
0.0000

■ 47.5089, 46.9874,
58.1952

■ 47.5089, 46.9874,
58.1952

■ 43.0406, 39.3289,
56.9532

■ 52.5518, 55.7635,
59.6241

■ 39.1196, 32.7356,
55.8872

■ 58.1872, 65.6948,
61.2440

■ 35.7223, 27.1598,
54.9900

■ 64.4372, 76.8245,
63.0628

■ 32.8217, 22.5479,
54.2527

■ 70.9999, 88.5489,
64.9800

■ 30.3886, 18.8414,
53.6655

■ 71.9646, 89.0463,
65.0251

■ 28.3902, 15.9753,
53.2176

■ 72.9504, 89.5544,
65.0713

■ 26.7897, 13.8758,
52.8967

■ 73.9573, 90.0735,
65.1184

■ 25.5436, 12.4563,
52.6884

■ 74.9856, 90.6036,
65.1665

■ 24.5804, 11.5741,
52.5689

■ 76.0352, 91.1447,
65.2156

Harmonies

Analogous

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



45.9124, 46.9874, 61.6315



47.5089, 46.9874, 58.1952



48.3494, 46.9874, 53.0197

Triad

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



47.5089, 46.9874, 58.1952



45.3044, 46.9874, 41.5478



41.3158, 46.9874, 54.7977

Complementary

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



47.5089, 46.9874, 58.1952



46.6088, 52.0696, 49.7158

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.



41.1634, 46.9874, 49.3468



47.5089, 46.9874, 58.1952



43.4308, 46.9874, 41.9496

Square

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



47.5089, 46.9874, 58.1952



47.0530, 46.9874, 43.5790



41.9275, 46.9874, 44.7183



42.3498, 46.9874, 59.5757

Rectangle

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



47.5089, 46.9874, 58.1952



48.3522, 46.9874, 49.3892



41.9275, 46.9874, 44.7183



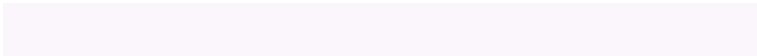
41.1609, 46.9874, 52.9753

Sweetspot

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



47.5103, 46.9894, 58.1962



90.0816, 92.8172, 105.6375



44.7600, 46.5025, 58.2472



19.5651, 20.0442, 23.0877



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.



47.5103, 46.9894, 58.1962



83.8766, 82.0626, 103.8887



47.6799, 47.1459, 55.0842



10.3173, 10.1547, 12.7011



15.9640, 7.4901, 34.1610



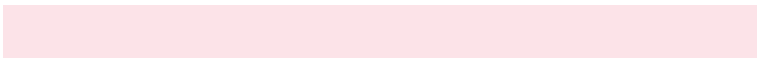
0.7366, 0.3478, 1.4782

Inverse Universe

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



46.7682, 46.7813, 50.2833



82.3506, 81.6369, 87.5088



46.4641, 51.9313, 52.5860



10.1442, 10.1063, 10.8497



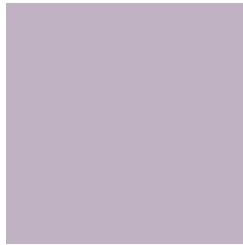
14.8414, 7.6263, 1.8109



0.6641, 0.3386, 0.1984

Previews

White Background



This preview shows how the XYZ color 47.5089, 46.9874, 58.1952 looks on a white background.

Color Contrast Check

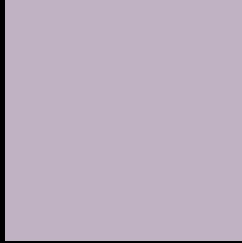
Large Text (above 18pt) WCAG AA × Fail

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 47.5089, 46.9874, 58.1952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

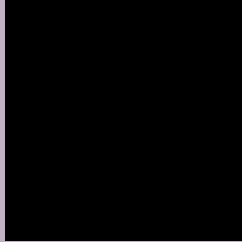
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5089, 46.9874, 58.1952

Background



This preview shows how black text looks on a background with the XYZ color 47.5089, 46.9874, 58.1952.



This preview shows how white text looks on a background with the XYZ color 47.5089, 46.9874,

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

47.5089, 46.9874, 58.1952

Protanopia

45.6580, 46.9027, 59.4700

Deuteranopia

47.8206, 46.8537, 58.1530



Tritanopia

47.1731, 46.8530, 56.4264

Trichromacy



Original Color

47.5089, 46.9874, 58.1952

Protanomaly

46.2926, 46.9423, 58.8454

Deuteranomaly

47.5648, 46.7219, 58.1410

Tritanomaly

47.2843, 46.8975, 57.0121

Monochromacy



Original Color

47.5089, 46.9874, 58.1952

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2986, 47.6515, 54.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5089, 46.9874, 58.1952 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(192, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 195)  
}
```

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(192, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.5089, 46.9874, 58.1952 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(192, 178, 195) }
```


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

```
.border{ border-color:rgb(192, 178, 195) }
```

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

Here you see how a box with a 4 pixel rgb(192, 178, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5089, 46.9874, 58.1952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 195) }
```

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

```
.background{ background-color: rgb(192,  
178, 195) }
```

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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