

Converting Colors

XYZ(47.6783, 46.7673, 58.7386)

Have a look what the booklet for
XYZ(47.6783, 46.7673, 58.7386)
contains.

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Color

**XYZ(47.6783, 46.7673,
58.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B1C4
RGB	193, 177, 196
RGB Percent	76%, 69%, 77%
CMY	0.2431, 0.3059, 0.2314
CMYK	0.02, 0.10, 0.00, 0.23
HSL	291°, 14%, 73%
HSV	291°, 10%, 77%
XYZ	47.6783, 46.7673, 58.7386
YIQ	183.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

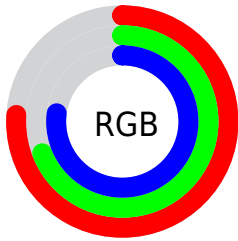
Format	Color
RYB	193, 177, 196
Decimal	12693956
CIELab	74.04, 9.17, -7.57
CIELCh	74, 11.893, 320.478
Yxy	46.7673, 0.3112, 0.3053
Android (android.graphics.Color)	4290884036 (0xFFC1B1C4)
YUV	183.9500, 5.9407, 7.9369
Hunter-Lab	68.3866, 4.7714, -3.0547

Details

The XYZ color **47.6783, 46.7673, 58.7386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4998, 52.3587, 49.2528**, and the grayscale version is **45.5005, 47.8700, 52.1305**.

A 20% lighter version of the original color is **85.9355, 85.5094, 104.9042**, and **22.7376, 21.8573, 28.6117** is the 20% darker color. If you saturate the color by 10%, you get **43.3013, 39.1717, 57.5039**, and if you desaturate by 10%, it is **52.6306, 55.4875, 60.1615**.

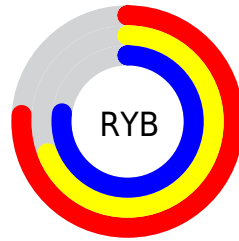
Distribution



Red (76%)

Green (69%)

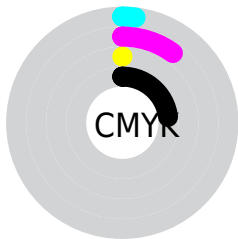
Blue (77%)



Red (76%)

Yellow (69%)

Blue (77%)

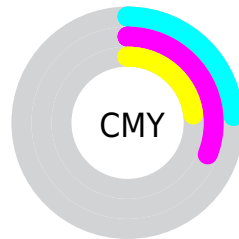


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (24%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6783, 46.7673, 58.7386 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 47.6783, 46.7673, 58.7386 by changing the saturation by 10% instead.

■ 47.6783, 46.7673,
58.7386

■ 47.6783, 46.7673,
58.7386

368.1194,
373.8849, 437.6074

■ 33.7824, 32.8517,
41.9841

■ 85.9378, 85.3662,
104.5230

■ 22.8886, 22.0129,
28.7634

111.0322,
110.8183, 134.3900

■ 14.6315, 13.8664,
18.6578

140.5900,
140.8847, 169.4650

■ 8.6458, 8.0278,
11.2490

174.9767,
175.9497, 210.1664

■ 4.5661, 4.1127,
6.1183

214.5577,
216.3979, 256.9128

■ 2.0271, 1.7368,
2.8472

259.6982,

■ 0.6491, 0.4473,

262.6136, 310.1227

1.0172

310.7637,
314.9811, 370.2148

■ 0.0000, 0.0000,
0.0000

■ 47.6783, 46.7673,
58.7386

■ 47.6783, 46.7673,
58.7386

■ 43.3013, 39.1717,
57.5039

■ 52.6306, 55.4875,
60.1615

■ 39.4718, 32.6475,
56.4464

■ 58.1763, 65.3706,
61.7768

■ 36.1658, 27.1460,
55.5588

■ 64.3379, 76.4607,
63.5927

■ 33.3558, 22.6125,
54.8318

■ 71.0061, 88.5390,
65.5725

■ 31.0118, 18.9872,
54.2556

■ 71.8705, 88.9846,
65.6130

■ 29.1006, 16.2035,
53.8190

■ 72.7519, 89.4390,
65.6542

■ 27.5841, 14.1857,
53.5095

■ 73.6504, 89.9022,
65.6963

■ 26.4176, 12.8445,
53.3121

■ 74.5660, 90.3742,
65.7391

■ 25.5181, 12.0137,
53.1992

■ 75.4990, 90.8552,
65.7828

Harmonies

Analogous

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



45.8960, 46.7673, 62.6914



47.6783, 46.7673, 58.7386



48.6042, 46.7673, 52.8824

Triad

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



47.6783, 46.7673, 58.7386



45.1304, 46.7673, 40.2294



40.7314, 46.7673, 55.1268

Complementary

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



47.6783, 46.7673, 58.7386



46.4998, 52.3587, 49.2528

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.



40.5412, 46.7673, 49.0099



47.6783, 46.7673, 58.7386



43.0365, 46.7673, 40.7257

Square

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



47.6783, 46.7673, 58.7386



47.1026, 46.7673, 42.4167



41.3726, 46.7673, 43.8309



41.9007, 46.7673, 60.4936

Rectangle

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



47.6783, 46.7673, 58.7386



48.5916, 46.7673, 48.8228



41.3726, 46.7673, 43.8309



40.5524, 46.7673, 53.0798

Sweetspot

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



47.6797, 46.7693, 58.7396



92.2149, 94.9874, 108.0819



44.4522, 46.0447, 58.7699



19.5792, 20.0515, 23.0883



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.



47.6797, 46.7693, 58.7396



84.2979, 81.1016, 105.8189



47.7464, 46.8852, 55.0590



10.3361, 10.1644, 12.7020



16.4394, 7.7352, 34.1832



0.7532, 0.3563, 1.4790

Inverse Universe

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



46.7269, 46.4775, 49.6906



82.1786, 80.4567, 85.4971



46.4550, 52.2610, 52.6227



10.1366, 10.1033, 10.8099



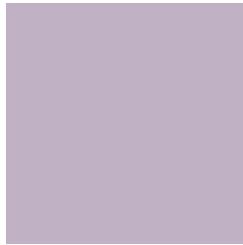
14.8070, 7.6125, 1.6296



0.6607, 0.3373, 0.1806

Previews

White Background



This preview shows how the XYZ color 47.6783, 46.7673, 58.7386 looks on a white background.

Color Contrast Check

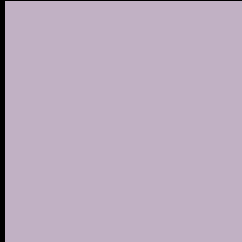
Large Text (above 18pt) WCAG AA × Fail

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 47.6783, 46.7673, 58.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

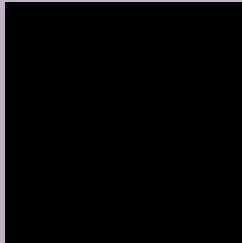
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6783, 46.7673, 58.7386

Background



This preview shows how black text looks on a background with the XYZ color 47.6783, 46.7673, 58.7386.



This preview shows how white text looks on a background with the XYZ color 47.6783, 46.7673,

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

47.6783, 46.7673, 58.7386

Protanopia

45.7730, 46.9487, 60.0756

Deuteranopia

47.6783, 46.7673, 58.7386



Tritanopia

47.1731, 46.8530, 56.4264

Trichromacy



Original Color

47.6783, 46.7673, 58.7386

Protanomaly

46.4069, 46.9880, 59.4470

Deuteranomaly

47.6783, 46.7673, 58.7386

Tritanomaly

47.2843, 46.8975, 57.0121

Monochromacy



Original Color

47.6783, 46.7673, 58.7386

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0945, 47.2434, 54.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6783, 46.7673, 58.7386 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, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 177, 196)  
}
```

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, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 177, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.6783, 46.7673, 58.7386 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, 177, 196) }
```


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

```
.border{ border-color:rgb(193, 177, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 177, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(193, 177,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6783, 46.7673, 58.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 177, 196) }
```

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

```
.background{ background-color: rgb(193,  
177, 196) }
```

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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