

Converting Colors

XYZ(47.2502, 47.3476, 58.0963)

Have a look what the booklet for
XYZ(47.2502, 47.3476, 58.0963)
contains.

XYZ(47.4068, 47.5298, 58.3053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.4068, 47.5298,
58.3053)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB4C3
RGB	190, 180, 195
RGB Percent	75%, 71%, 76%
CMY	0.2549, 0.2941, 0.2353
CMYK	0.03, 0.08, 0.00, 0.24
HSL	280°, 11%, 74%
HSV	280°, 8%, 76%
XYZ	47.4068, 47.5298, 58.3053
YIQ	184.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

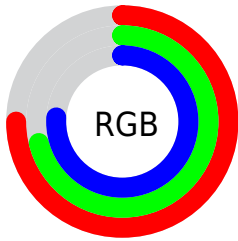
Format	Color
R _Y B	190, 180, 195
Decimal	12498115
CIE Lab	74.53, 6.32, -6.33
CIE LCh	75, 8.944, 314.967
Yxy	47.5298, 0.3094, 0.3102
Android (android.graphics.Color)	4290688195 (0xFFBEB4C3)
YUV	184.7000, 5.0779, 4.6481
Hunter-Lab	68.9419, 2.0945, -1.8833

Details

The XYZ color **47.4068, 47.5298, 58.3053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7626, 52.6410, 50.8258**, and the grayscale version is **45.9209, 48.3123, 52.6121**.

A 20% lighter version of the original color is **85.5722, 86.6120, 104.3031**, and **22.7136, 22.4202, 28.3297** is the 20% darker color. If you saturate the color by 10%, you get **42.1566, 39.3858, 57.0108**, and if you desaturate by 10%, it is **53.2861, 56.8229, 59.7899**.

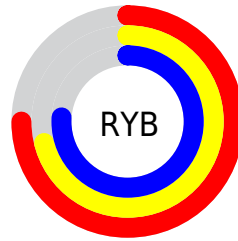
Distribution



Red (75%)

Green (71%)

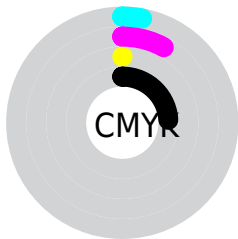
Blue (76%)



Red (75%)

Yellow (71%)

Blue (76%)

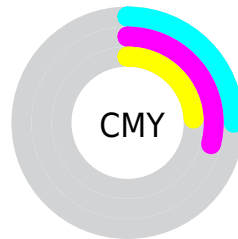


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4068, 47.5298, 58.3053 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 47.4068, 47.5298, 58.3053 by changing the saturation by 10% instead.

■ 47.4068, 47.5298,
58.3053

■ 47.4068, 47.5298,
58.3053

367.0578,
376.9253, 435.9526

■ 33.5667, 33.4547,
41.6378

■ 85.5356, 86.5039,
103.8865

■ 22.7222, 22.4750,
28.4943

110.5549,
112.1717, 133.6373

■ 14.5081, 14.2063,
18.4564

140.0314,
142.4725, 168.5862

■ 8.5589, 8.2643,
11.1053

174.3303,
177.7907, 209.1519

■ 4.5094, 4.2645,
6.0226

213.8171,
218.5106, 255.7528

■ 1.9942, 1.8226,
2.7898

258.8570,

■ 0.6307, 0.5012,

265.0168, 308.8075

0.9884

309.8155,
317.6936, 368.7346

■ 0.0000, 0.0000,
0.0000

■ 47.4068, 47.5298,
58.3053

■ 47.4068, 47.5298,
58.3053

■ 42.1566, 39.3858,
57.0108

■ 53.2861, 56.8229,
59.7899

■ 37.5072, 32.3382,
55.8955

■ 59.8128, 67.3027,
61.4687

■ 33.4347, 26.3395,
54.9523

■ 67.0097, 79.0127,
63.3496

■ 29.9115, 21.3359,
54.1722

■ 73.9311, 90.0600,
65.1172

■ 26.9075, 17.2691,
53.5455

■ 75.8902, 91.0700,
65.2089

■ 24.3897, 14.0744,
53.0616

■ 77.9261, 92.1195,
65.3042

■ 22.3208, 11.6786,
52.7082

■ 80.0398, 93.2091,
65.4031

■ 20.6572, 9.9962,
52.4712

■ 82.2319, 94.3392,
65.5057

■ 19.3357, 8.9026,
52.3297

■ 84.5034, 95.5102,
65.6120

Harmonies

Analogous

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



45.9827, 47.5298, 60.8316



47.4068, 47.5298, 58.3053



48.2428, 47.5298, 54.0940

Triad

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



47.4068, 47.5298, 58.3053



45.9862, 47.5298, 43.6262



42.2404, 47.5298, 54.0838

Complementary

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



47.4068, 47.5298, 58.3053



47.7626, 52.6410, 50.8258

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.



42.2413, 47.5298, 49.4783



47.4068, 47.5298, 58.3053



44.3781, 47.5298, 43.6238

Square

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



47.4068, 47.5298, 58.3053



47.4094, 47.5298, 45.7156



43.0156, 47.5298, 45.7089



43.0132, 47.5298, 58.2974

Rectangle

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



47.4068, 47.5298, 58.3053



48.3418, 47.5298, 50.9854



43.0156, 47.5298, 45.7089



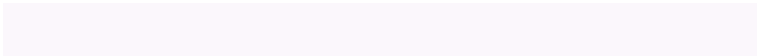
42.1509, 47.5298, 52.5260

Sweetspot

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



47.4082, 47.5318, 58.3063



90.7253, 94.2898, 105.8878



46.0759, 48.4480, 58.5534



19.8911, 20.6851, 23.1942



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.



47.4082, 47.5318, 58.3063



83.4764, 82.8901, 104.0695



48.4261, 48.0858, 57.0361



10.1605, 10.0739, 12.6938



12.4766, 5.6923, 33.9978



0.6097, 0.2823, 1.4722

Inverse Universe

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



47.5855, 47.7495, 52.6098



83.8602, 83.3550, 92.0232



46.8086, 52.1225, 51.9873



10.2086, 10.1321, 11.1891



15.2830, 7.8030, 4.1366



0.6927, 0.3501, 0.3492

Previews

White Background



This preview shows how the XYZ color 47.4068, 47.5298, 58.3053 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 47.4068, 47.5298, 58.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

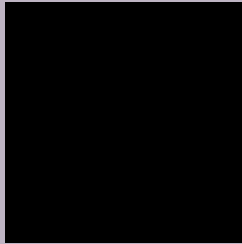
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4068, 47.5298, 58.3053

Background



This preview shows how black text looks on a background with the XYZ color 47.4068, 47.5298, 58.3053.

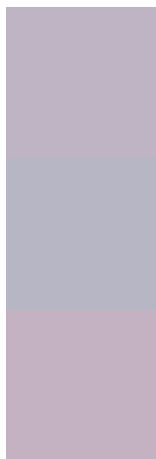


This preview shows how white text looks on a background with the XYZ color 47.4068, 47.5298,

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

47.4068, 47.5298, 58.3053

Protanopia

46.2202, 47.5087, 58.9586

Deuteranopia

48.5357, 47.5167, 58.2433



Tritanopia

47.2941, 47.4847, 57.7117

Trichromacy



Original Color

47.4068, 47.5298, 58.3053

Protanomaly

46.7374, 47.4724, 58.9243

Deuteranomaly

48.2186, 47.6497, 58.2857

Tritanomaly

47.2941, 47.4847, 57.7117

Monochromacy



Original Color

47.4068, 47.5298, 58.3053

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6123, 48.1059, 54.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4068, 47.5298, 58.3053 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(190, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 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(190, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.4068, 47.5298, 58.3053 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(190, 180, 195) }
```


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

```
.border{ border-color:rgb(190, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4068, 47.5298, 58.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 195) }
```

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

```
.background{ background-color: rgb(190,  
180, 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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