

Converting Colors

XYZ(47.2909, 48.1631, 54.3809)

Have a look what the booklet for
XYZ(47.2909, 48.1631, 54.3809)
contains.

XYZ(47.2909, 48.1631, 54.3809)	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(47.2909, 48.1631,
54.3809)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB6BC
RGB	191, 182, 188
RGB Percent	75%, 71%, 74%
CMY	0.2510, 0.2863, 0.2627
CMYK	0.00, 0.05, 0.02, 0.25
HSL	320°, 7%, 73%
HSV	320°, 5%, 75%
XYZ	47.2909, 48.1631, 54.3809
YIQ	185.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

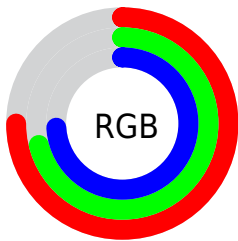
Format	Color
RYB	191, 182, 188
Decimal	12564156
CIELab	74.93, 4.27, -1.91
CIELCh	75, 4.679, 335.919
Yxy	48.1631, 0.3156, 0.3214
Android (android.graphics.Color)	4290754236 (0xFFBFB6BC)
YUV	185.3750, 1.2941, 4.9331
Hunter-Lab	69.3996, 0.1856, 2.1207

Details

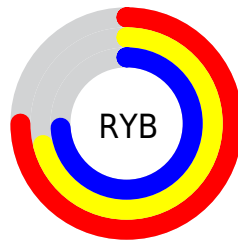
The XYZ color **47.2909, 48.1631, 54.3809** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6810, 50.7107, 53.2292**, and the grayscale version is **46.3157, 48.7277, 53.0645**.

A 20% lighter version of the original color is **85.2614, 87.4549, 97.9747**, and **22.7047, 22.8531, 26.1361** is the 20% darker color. If you saturate the color by 10%, you get **42.9719, 40.5992, 49.6287**, and if you desaturate by 10%, it is **52.1764, 56.8103, 59.4726**.

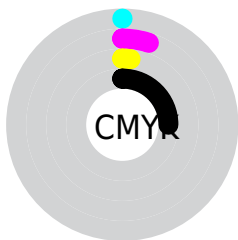
Distribution



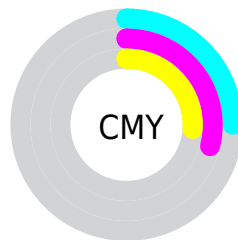
- Red (75%)
- Green (71%)
- Blue (74%)



- Red (75%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2909, 48.1631, 54.3809 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 47.2909, 48.1631, 54.3809 by changing the saturation by 10% instead.

■ 47.2909, 48.1631,
54.3809

■ 47.2909, 48.1631,
54.3809

366.6040,
379.4383, 420.7765

■ 33.4746, 33.9561,
38.5110

■ 85.3638, 87.4472,
98.0953

■ 22.6512, 22.8599,
26.0746

110.3511,
113.2930, 126.7769

■ 14.4555, 14.4901,
16.6532

139.7927,
143.7873, 160.5662

■ 8.5219, 8.4623,
9.8282

174.0541,
179.3143, 199.8817

■ 4.4853, 4.3922,
5.1811

213.5006,
220.2585, 245.1419

■ 1.9802, 1.8953,
2.2933

258.4975,

■ 0.6228, 0.5455,

267.0043, 296.7654

0.7275

309.4102,
319.9361, 355.1708

0.0000, 0.0000,
0.0000

47.2909, 48.1631,
54.3809

47.2909, 48.1631,
54.3809

42.9719, 40.5992,
49.6287

52.1764, 56.8103,
59.4726

39.1936, 34.0693,
45.2038

57.6450, 66.5752,
64.9095

35.9340, 28.5296,
41.0974

63.7176, 77.4985,
70.7009

33.1680, 23.9306,
37.2992

69.3169, 87.4248,
76.4895

30.8684, 20.2185,
33.7982

70.1439, 87.7556,
80.8441

■ 29.0054, 17.3342,
30.5822

■ 71.0030, 88.0992,
85.3680

■ 27.5454, 15.2113,
27.6381

■ 71.8945, 88.4559,
90.0629

■ 26.4496, 13.7729,
24.9507

■ 72.8189, 88.8256,
94.9307

■ 25.6711, 12.9259,
22.5021

■ 73.7765, 89.2086,
99.9731

Harmonies

Analogous

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



46.7462, 48.1631, 56.3370



47.2909, 48.1631, 54.3809



47.4279, 48.1631, 51.9587

Triad

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



47.2909, 48.1631, 54.3809



45.6087, 48.1631, 47.9079



44.4625, 48.1631, 55.2447

Complementary

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



47.2909, 48.1631, 54.3809



46.6810, 50.7107, 53.2292

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.



44.1660, 48.1631, 52.9271



47.2909, 48.1631, 54.3809



44.8224, 48.1631, 48.7297

Square

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



47.2909, 48.1631, 54.3809



46.4499, 48.1631, 48.2701



44.2969, 48.1631, 50.5486



45.1118, 48.1631, 56.8464

Rectangle

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



47.2909, 48.1631, 54.3809



47.2682, 48.1631, 50.4156



44.2969, 48.1631, 50.5486



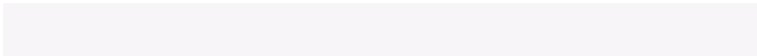
44.3186, 48.1631, 54.5208

Sweetspot

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



47.2923, 48.1652, 54.3819



87.8117, 91.7541, 100.6942



46.1414, 47.5341, 56.0340



19.2922, 20.1653, 22.1216



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.



47.2923, 48.1652, 54.3819



83.5688, 84.2730, 96.1826



46.8148, 47.9742, 51.8678



10.0592, 10.1113, 11.5806



16.6898, 8.3071, 14.1919



0.6829, 0.3371, 0.7096

Inverse Universe

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



47.2923, 48.1652, 54.3819



83.5688, 84.2730, 96.1826



47.1634, 50.9037, 55.7698



10.0592, 10.1113, 11.5806



16.6898, 8.3071, 14.1919



0.6829, 0.3371, 0.7096

Previews

White Background



This preview shows how the XYZ color 47.2909, 48.1631, 54.3809 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 47.2909, 48.1631, 54.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

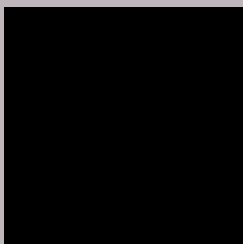
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

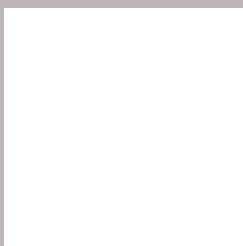
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2909, 48.1631, 54.3809

Background



This preview shows how black text looks on a background with the XYZ color 47.2909, 48.1631, 54.3809.



This preview shows how white text looks on a background with the XYZ color 47.2909, 48.1631,

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

47.2909, 48.1631, 54.3809

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

49.1248, 48.1937, 54.8573



Tritanopia

48.1124, 48.1943, 58.3964

Trichromacy



Original Color

47.2909, 48.1631, 54.3809

Protanomaly

46.8578, 48.2325, 54.9842

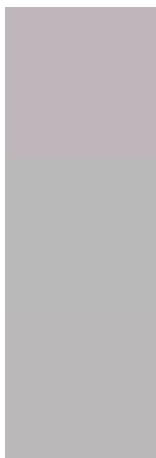
Deuteranomaly

48.5325, 48.1870, 54.8872

Tritanomaly

47.7765, 48.0600, 56.6276

Monochromacy



Original Color

47.2909, 48.1631, 54.3809

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4969, 48.3909, 53.3441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2909, 48.1631, 54.3809 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(191, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 188)  
}
```

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(191, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.2909, 48.1631, 54.3809 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(191, 182, 188) }
```


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

```
.border{ border-color:rgb(191, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 182, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 182, 188); box-shadow:4px 4px 4px 4px rgb(191, 182, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2909, 48.1631, 54.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 188) }
```

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

```
.background{ background-color: rgb(191,  
182, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor