

Converting Colors

XYZ(49.0325, 48.7123, 55.6040)

Have a look what the booklet for
XYZ(49.0325, 48.7123, 55.6040)
contains.

XYZ(49.1068, 48.7712, 55.5408)	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(49.1068, 48.7712,
55.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B5BE
RGB	198, 181, 190
RGB Percent	78%, 71%, 75%
CMY	0.2235, 0.2902, 0.2549
CMYK	0.00, 0.09, 0.04, 0.22
HSL	328°, 13%, 74%
HSV	328°, 9%, 78%
XYZ	49.1068, 48.7712, 55.5408
YIQ	187.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

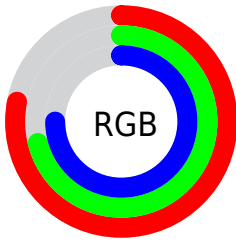
Format	Color
RYB	198, 181, 190
Decimal	13022654
CIELab	75.31, 7.64, -2.37
CIElCh	75, 7.997, 342.742
Yxy	48.7712, 0.3201, 0.3179
Android (android.graphics.Color)	4291212734 (0xFFC6B5BE)
YUV	187.1090, 1.4253, 9.5514
Hunter-Lab	69.8364, 3.3021, 1.7322

Details

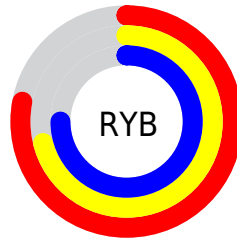
The XYZ color **49.1068, 48.7712, 55.5408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4372, 53.8872, 55.9950**, and the grayscale version is **47.2861, 49.7486, 54.1762**.

A 20% lighter version of the original color is **88.1587, 88.4822, 99.6211**, and **23.7361, 23.1738, 26.8889** is the 20% darker color. If you saturate the color by 10%, you get **44.3775, 40.8904, 49.0988**, and if you desaturate by 10%, it is **54.4762, 57.8267, 62.5187**.

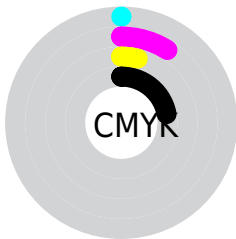
Distribution



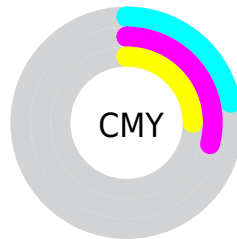
- Red (78%)
- Green (71%)
- Blue (75%)



- Red (78%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1068, 48.7712, 55.5408 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 49.1068, 48.7712, 55.5408 by changing the saturation by 10% instead.


 49.1068, 48.7712,
55.5408

 49.1068, 48.7712,
55.5408


373.6726,
381.8409, 425.2982

 34.9191, 34.4380,
39.4334


 88.0498, 88.3515,
99.8119

 23.7668, 23.2303,
26.7866


113.5358,
114.3675, 128.8127

 15.2845, 14.7636,
17.1820


143.5187,
145.0465, 162.9483

 9.1069, 8.6537,
10.2010

178.3637,
180.7729, 202.6374

 4.8687, 4.5160,
5.4251

218.4362,
221.9312, 248.2983

 2.2044, 1.9662,
2.4357

264.1017,

 0.7450, 0.5877,

268.9057, 300.3498

0.8058

315.7253,
322.0808, 359.2102

■ 0.0000, 0.0000,
0.0000

■ 49.1068, 48.7712,
55.5408

■ 49.1068, 48.7712,
55.5408

■ 44.3775, 40.8904,
49.0988

■ 54.4762, 57.8267,
62.5187

■ 40.2589, 34.1293,
43.1753

■ 60.5053, 68.0960,
70.0431

■ 36.7254, 28.4382,
37.7560

■ 67.2180, 79.6246,
78.1281

■ 33.7481, 23.7610,
32.8252

■ 72.9526, 89.0874,
86.2255

■ 31.2952, 20.0366,
28.3655

■ 74.2763, 89.6169,
93.1963

■ 29.3317, 17.1970,
24.3588

■ 75.6708, 90.1747,
100.5396

■ 27.8180, 15.1653,
20.7847

■ 77.0990, 90.7459,
108.0599

■ 26.7078, 13.8512,
17.6205

■ 25.9275, 13.1100,
14.8343

Harmonies

Analogous

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



48.3000, 48.7712, 59.2715



49.1068, 48.7712, 55.5408



49.1667, 48.7712, 51.3385

Triad

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



49.1068, 48.7712, 55.5408



45.7351, 48.7712, 45.5947



44.3111, 48.7712, 58.7876

Complementary

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



49.1068, 48.7712, 55.5408



48.4372, 53.8872, 55.9950

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.



43.6537, 48.7712, 54.9086



49.1068, 48.7712, 55.5408



44.4641, 48.7712, 47.3791

Square

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



49.1068, 48.7712, 55.5408



47.1989, 48.7712, 45.7440



43.7091, 48.7712, 50.7387



45.5223, 48.7712, 61.2129

Rectangle

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



49.1068, 48.7712, 55.5408



48.7732, 48.7712, 48.8457



43.7091, 48.7712, 50.7387



44.0192, 48.7712, 57.6019

Sweetspot

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



49.1082, 48.7733, 55.5419



92.0835, 94.9861, 105.0780



47.6885, 47.9376, 60.1661



19.5438, 20.0512, 22.2756



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.



49.1082, 48.7733, 55.5419



85.5752, 84.0467, 96.5046



48.2130, 48.4153, 50.8280



10.8645, 10.7292, 12.2699



16.8406, 8.4858, 9.6362



0.8338, 0.4164, 0.6479

Inverse Universe

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



49.1082, 48.7733, 55.5419



85.5752, 84.0467, 96.5046



49.3794, 54.2641, 60.9561



10.8645, 10.7292, 12.2699



16.8406, 8.4858, 9.6362



0.8338, 0.4164, 0.6479

Previews

White Background



This preview shows how the XYZ color 49.1068, 48.7712, 55.5408 looks on a white background.

Color Contrast Check

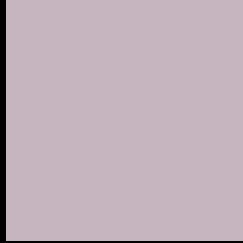
Large Text (above 18pt) WCAG AA × Fail

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 49.1068, 48.7712, 55.5408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

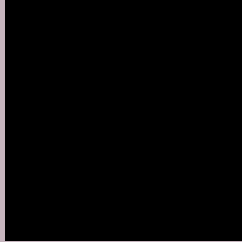
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1068, 48.7712, 55.5408

Background



This preview shows how black text looks on a background with the XYZ color 49.1068, 48.7712, 55.5408.



This preview shows how white text looks on a background with the XYZ color 49.1068, 48.7712,

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

49.1068, 48.7712, 55.5408

Protanopia

47.1484, 48.6515, 56.7749

Deuteranopia

49.7029, 48.7777, 55.5106



Tritanopia

49.6121, 48.6797, 57.8202

Trichromacy



Original Color

49.1068, 48.7712, 55.5408

Protanomaly

47.8233, 48.7049, 56.1706

Deuteranomaly

49.4349, 48.6396, 55.4981

Tritanomaly

49.5001, 48.6349, 57.2306

Monochromacy



Original Color

49.1068, 48.7712, 55.5408

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.9119, 49.4051, 54.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1068, 48.7712, 55.5408 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(198, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 190)  
}
```

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(198, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 190) }
```

Border

The CSS property to change the border of an element to XYZ 49.1068, 48.7712, 55.5408 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(198, 181, 190) }
```


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

```
.border{ border-color:rgb(198, 181, 190) }
```

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

Here you see how a box with a 4 pixel rgb(198, 181, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1068, 48.7712, 55.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 190) }
```

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

```
.background{ background-color: rgb(198,  
181, 190) }
```

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