

Converting Colors

XYZ(49.0114, 48.8646, 52.6568)

Have a look what the booklet for
XYZ(49.0114, 48.8646, 52.6568)
contains.

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Color

**XYZ(49.1002, 48.8299,
52.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B5B9
RGB	200, 181, 185
RGB Percent	78%, 71%, 73%
CMY	0.2157, 0.2902, 0.2745
CMYK	0.00, 0.09, 0.07, 0.22
HSL	347°, 15%, 75%
HSV	347°, 9%, 78%
XYZ	49.1002, 48.8299, 52.7362
YIQ	187.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

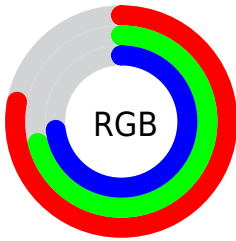
Format	Color
R _Y B	200, 181, 185
Decimal	13153721
CIE Lab	75.35, 7.46, 0.43
CIE LCh	75, 7.474, 3.275
Yxy	48.8299, 0.3259, 0.3241
Android (android.graphics.Color)	4291343801 (0xFFC8B5B9)
YUV	187.1370, -1.0535, 11.2809
Hunter-Lab	69.8784, 3.1362, 4.1696

Details

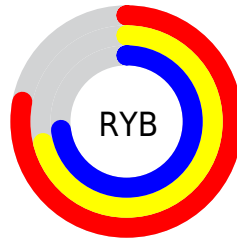
The XYZ color **49.1002, 48.8299, 52.7362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6760, 55.1190, 60.2480**, and the grayscale version is **47.3143, 49.7783, 54.2086**.

A 20% lighter version of the original color is **87.4014, 88.1792, 95.6328**, and **23.7381, 23.2153, 25.0597** is the 20% darker color. If you saturate the color by 10%, you get **43.7464, 40.6433, 43.1783**, and if you desaturate by 10%, it is **55.2258, 58.2624, 63.4663**.

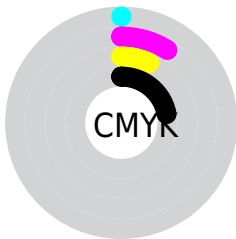
Distribution



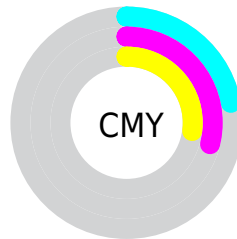
- Red (78%)
- Green (71%)
- Blue (73%)



- Red (78%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1002, 48.8299, 52.7362 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 49.1002, 48.8299, 52.7362 by changing the saturation by 10% instead.


 49.1002, 48.8299,
52.7362

 49.1002, 48.8299,
52.7362


373.6471,
382.0723, 414.3098

 34.9138, 34.4846,
37.2059

 88.0401, 88.4388,
95.6537

 23.7627, 23.2661,
25.0699


113.5243,
114.4711, 123.8780

 15.2815, 14.7901,
15.9097


143.5052,
145.1679, 157.1707

 9.1048, 8.6722,
9.3066

178.3481,
180.9135, 195.9504

 4.8672, 4.5280,
4.8422

218.4184,
222.0923, 240.6356

 2.2035, 1.9731,
2.0978

264.0814,

 0.7446, 0.5918,

269.0888, 291.6449

0.6145

315.7025,
322.2873, 349.3968

■ 0.0000, 0.0000,
0.0000

■ 49.1002, 48.8299,
52.7362

■ 49.1002, 48.8299,
52.7362

■ 43.7464, 40.6433,
43.1783

■ 55.2258, 58.2624,
63.4663

■ 39.1294, 33.6443,
34.7493

■ 62.1480, 68.9833,
75.4033

■ 35.2178, 27.7795,
27.4081

■ 69.8958, 81.0408,
88.5847

■ 31.9762, 22.9887,
21.1096

■ 76.5494, 90.5874,
102.3966

■ 29.3659, 19.2064,
15.8058

■ 77.6296, 91.0195,
108.0847

■ 27.3446, 16.3598,
11.4446

■ 25.8641, 14.3662,
7.9689

■ 24.8685, 13.1282,
5.3151

■ 24.2642, 12.4747,
3.4020

Harmonies

Analogous

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



48.8121, 48.8299, 56.6444



49.1002, 48.8299, 52.7362



48.6561, 48.8299, 49.1219

Triad

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



49.1002, 48.8299, 52.7362



44.9764, 48.8299, 47.0872



45.2330, 48.8299, 60.2184

Complementary

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



49.1002, 48.8299, 52.7362



49.6760, 55.1190, 60.2480

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.



44.2367, 48.8299, 57.4293



49.1002, 48.8299, 52.7362



44.0906, 48.8299, 49.8358

Square

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



49.1002, 48.8299, 52.7362



46.2605, 48.8299, 45.9633



43.8225, 48.8299, 53.6011



46.5625, 48.8299, 61.0877

Rectangle

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



49.1002, 48.8299, 52.7362



48.0097, 48.8299, 47.3287



43.8225, 48.8299, 53.6011



44.8489, 48.8299, 59.4677

Sweetspot

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



49.1016, 48.8320, 52.7372



91.7005, 94.8328, 103.0608



49.6853, 48.9403, 61.4717



19.4406, 20.0100, 21.7322



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.



49.1016, 48.8320, 52.7372



83.3821, 82.0455, 88.4210



49.8012, 50.8970, 50.9180



10.7236, 10.6728, 11.5280



15.4388, 7.9251, 2.2548



0.7583, 0.3862, 0.2502

Inverse Universe

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



49.1016, 48.8320, 52.7372



83.3821, 82.0455, 88.4210



48.9124, 52.8540, 62.2679



10.7236, 10.6728, 11.5280



15.4388, 7.9251, 2.2548



0.7583, 0.3862, 0.2502

Previews

White Background



This preview shows how the XYZ color 49.1002, 48.8299, 52.7362 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 49.1002, 48.8299, 52.7362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

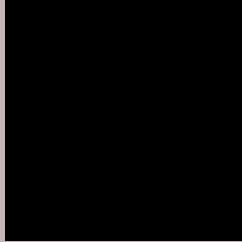
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1002, 48.8299, 52.7362

Background



This preview shows how black text looks on a background with the XYZ color 49.1002, 48.8299, 52.7362.



This preview shows how white text looks on a background with the XYZ color 49.1002, 48.8299,

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

49.1002, 48.8299, 52.7362

Protanopia

47.0576, 48.9771, 53.9870

Deuteranopia

49.9801, 48.9827, 52.7193



Tritanopia

50.1463, 48.9551, 57.8452

Trichromacy



Original Color

49.1002, 48.8299, 52.7362

Protanomaly

47.7416, 49.0326, 53.4024

Deuteranomaly

49.7068, 48.8418, 52.7065

Tritanomaly

49.8126, 48.8216, 56.0883

Monochromacy



Original Color

49.1002, 48.8299, 52.7362

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.9501, 49.4496, 53.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1002, 48.8299, 52.7362 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(200, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 185)  
}
```

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(200, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.1002, 48.8299, 52.7362 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(200, 181, 185) }
```


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

```
.border{ border-color:rgb(200, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1002, 48.8299, 52.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 185) }
```

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

```
.background{ background-color: rgb(200,  
181, 185) }
```

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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