

Converting Colors

XYZ(49.1670, 49.0016, 50.7478)

Have a look what the booklet for
XYZ(49.1670, 49.0016, 50.7478)
contains.

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Color

**XYZ(48.9518, 48.8015,
50.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B5B5
RGB	201, 181, 181
RGB Percent	79%, 71%, 71%
CMY	0.2118, 0.2902, 0.2902
CMYK	0.00, 0.10, 0.10, 0.21
HSL	0°, 16%, 75%
HSV	0°, 10%, 79%
XYZ	48.9518, 48.8015, 50.5556
YIQ	186.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

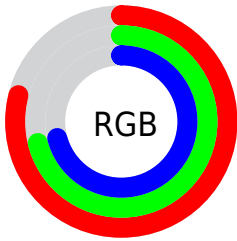
Format	Color
R _Y B	201, 181, 181
Decimal	13219253
CIE Lab	75.33, 7.13, 2.59
CIE LCh	75, 7.589, 19.969
Yxy	48.8015, 0.3301, 0.3291
Android (android.graphics.Color)	4291409333 (0xFFC9B5B5)
YUV	186.9800, -2.9481, 12.2955
Hunter-Lab	69.8581, 2.8291, 5.9931

Details

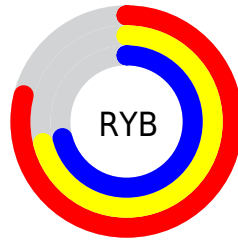
The XYZ color **48.9518, 48.8015, 50.5556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4851, 55.8130, 63.3711**, and the grayscale version is **47.2354, 49.6953, 54.1182**.

A 20% lighter version of the original color is **86.8102, 87.9428, 92.5200**, and **23.6481, 23.1999, 23.6537** is the 20% darker color. If you saturate the color by 10%, you get **43.2409, 40.4452, 39.2002**, and if you desaturate by 10%, it is **55.5525, 58.4600, 63.6768**.

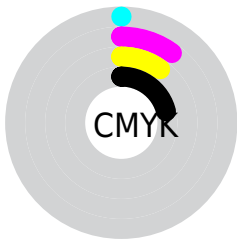
Distribution



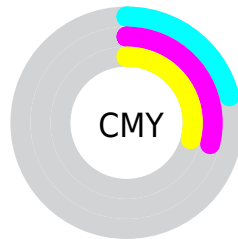
- Red (79%)
- Green (71%)
- Blue (71%)



- Red (79%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (21%)




- Cyan (21%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9518, 48.8015, 50.5556 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 48.9518, 48.8015, 50.5556 by changing the saturation by 10% instead.


 48.9518, 48.8015,
50.5556

 48.9518, 48.8015,
50.5556


373.0726,
381.9603, 405.6319

 34.7956, 34.4620,
35.4808


 87.8210, 88.3966,
92.4023

 23.6713, 23.2488,
23.7470

113.2648,
114.4210, 120.0113

 15.2134, 14.7773,
14.9356


143.2017,
145.1091, 152.6354

 9.0565, 8.6632,
8.6281

177.9973,
180.8455, 190.6932

 4.8355, 4.5222,
4.4059

218.0168,
222.0144, 234.6032

 2.1848, 1.9697,
1.8506

263.6257,

 0.7347, 0.5898,

269.0002, 284.7839

0.4610

315.1891,
322.1874, 341.6540

0.0000, 0.0000,
0.0000

48.9518, 48.8015,
50.5556

48.9518, 48.8015,
50.5556

43.2409, 40.4452,
39.2002

55.5525, 58.4600,
63.6768

38.3778, 33.3293,
29.5322

63.0743, 69.4662,
78.6313

34.3234, 27.3966,
21.4722

71.5523, 81.8713,
95.4869

31.0339, 22.5831,
14.9329

77.8977, 91.1577,
108.0973

28.4613, 18.8185,
9.8190

■ 26.5522, 16.0248,
6.0243

■ 25.2458, 14.1129,
3.4278

■ 24.4700, 12.9775,
1.8864

■ 24.0897, 12.4209,
1.1307

Harmonies

Analogous

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



49.0766, 48.8015, 54.4861



48.9518, 48.8015, 50.5556



48.1314, 48.8015, 47.4680

Triad

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



48.9518, 48.8015, 50.5556



44.3604, 48.8015, 48.3463



45.9186, 48.8015, 61.0671

Complementary

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



48.9518, 48.8015, 50.5556



50.4851, 55.8130, 63.3711

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.



44.6801, 48.8015, 59.2393



48.9518, 48.8015, 50.5556



43.7924, 48.8015, 51.8094

Square

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



48.9518, 48.8015, 50.5556



45.4742, 48.8015, 46.2374



43.9083, 48.8015, 55.8039



47.3066, 48.8015, 60.6899

Rectangle

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



48.9518, 48.8015, 50.5556



47.3094, 48.8015, 46.2400



43.9083, 48.8015, 55.8039



45.4715, 48.8015, 60.6868

Sweetspot

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



48.9532, 48.8037, 50.5566



91.4509, 94.7337, 101.7446



51.1545, 49.6830, 62.1526



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



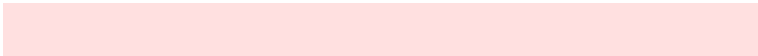
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.9532, 48.8037, 50.5566



81.5137, 80.1932, 81.9884



51.0593, 53.0160, 51.2587



10.6341, 10.6373, 11.0555



15.1456, 7.8083, 0.7089



0.7172, 0.3698, 0.0336

Inverse Universe

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



50.4851, 55.8130, 63.3711



84.6728, 94.6476, 108.4138



48.2301, 51.3031, 62.6195



10.9466, 12.0672, 13.6698



19.7561, 28.9061, 39.2825



0.9355, 1.3688, 1.8600

Previews

White Background



This preview shows how the XYZ color 48.9518, 48.8015, 50.5556 looks on a white background.

Color Contrast Check

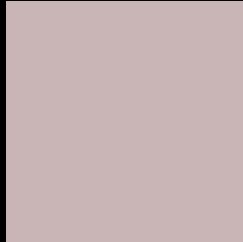
Large Text (above 18pt) WCAG AA × Fail

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 48.9518, 48.8015, 50.5556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

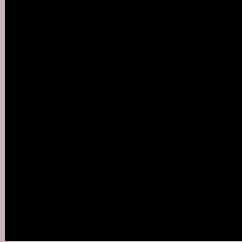
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9518, 48.8015, 50.5556

Background



This preview shows how black text looks on a background with the XYZ color 48.9518, 48.8015, 50.5556.



This preview shows how white text looks on a background with the XYZ color 48.9518, 48.8015,

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

48.9518, 48.8015, 50.5556

Protanopia

46.8825, 48.9356, 51.7743

Deuteranopia

49.8386, 48.9578, 50.5391



Tritanopia

50.3743, 48.7870, 57.2139

Trichromacy



Original Color

48.9518, 48.8015, 50.5556

Protanomaly

47.5763, 48.9958, 51.2056

Deuteranomaly

49.5636, 48.8161, 50.5262

Tritanomaly

49.8637, 48.8732, 54.9495

Monochromacy



Original Color

48.9518, 48.8015, 50.5556

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8441, 49.4072, 52.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9518, 48.8015, 50.5556 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(201, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 181)  
}
```

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(201, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.9518, 48.8015, 50.5556 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(201, 181, 181) }
```


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

```
.border{ border-color:rgb(201, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9518, 48.8015, 50.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 181) }
```

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

```
.background{ background-color: rgb(201,  
181, 181) }
```

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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