

Converting Colors

XYZ(48.1232, 47.1682, 48.3956)

Have a look what the booklet for
XYZ(48.1232, 47.1682, 48.3956)
contains.

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Color

**XYZ(48.0151, 47.1752,
48.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB1B1
RGB	202, 177, 177
RGB Percent	79%, 69%, 69%
CMY	0.2078, 0.3059, 0.3059
CMYK	0.00, 0.12, 0.12, 0.21
HSL	0°, 19%, 74%
HSV	0°, 12%, 79%
XYZ	48.0151, 47.1752, 48.1700
YIQ	184.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

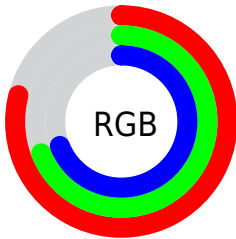
Format	Color
R _Y B	202, 177, 177
Decimal	13283761
CIE Lab	74.30, 8.98, 3.30
CIE LCh	74, 9.569, 20.162
Yxy	47.1752, 0.3349, 0.3291
Android (android.graphics.Color)	4291473841 (0xFFCAB1B1)
YUV	184.4750, -3.6852, 15.3694
Hunter-Lab	68.6842, 4.5867, 6.4973

Details

The XYZ color **48.0151, 47.1752, 48.1700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9124, 55.8513, 64.0274**, and the grayscale version is **45.8378, 48.2249, 52.5170**.

A 20% lighter version of the original color is **85.0869, 85.4210, 89.0941**, and **23.0585, 22.1664, 22.1320** is the 20% darker color. If you saturate the color by 10%, you get **42.4507, 39.0332, 37.1061**, and if you desaturate by 10%, it is **54.4706, 56.6214, 61.0025**.

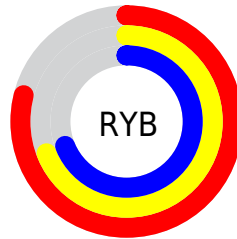
Distribution



Red (79%)

Green (69%)

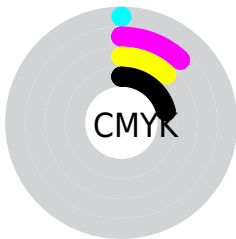
Blue (69%)



Red (79%)

Yellow (69%)

Blue (69%)

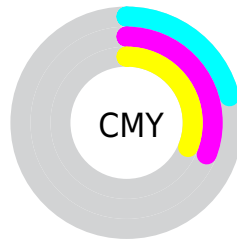


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (21%)



Cyan (21%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0151, 47.1752, 48.1700 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 48.0151, 47.1752, 48.1700 by changing the saturation by 10% instead.


 48.0151, 47.1752,
48.1700

 48.0151, 47.1752,
48.1700


369.4336,
375.5134, 395.9937

 34.0501, 33.1742,
33.6006


 86.4364, 85.9751,
88.8256

 23.0952, 22.2599,
22.3121


111.6235,
111.5427, 115.7490

 14.7849, 14.0480,
13.8859

141.2821,
141.7347, 147.6273

 8.7539, 8.1541,
7.9035


175.7774,
176.9354, 184.8793

 4.6368, 4.1937,
3.9464

215.4748,
217.5293, 227.9233

 2.0683, 1.7825,
1.5960

260.7398,

 0.6719, 0.4762,

263.9006, 277.1781

0.2879

311.9376,
316.4339, 333.0620

■ 0.0000, 0.0000,
0.0000

■ 48.0151, 47.1752,
48.1700

■ 48.0151, 47.1752,
48.1700

■ 42.4507, 39.0332,
37.1061

■ 54.4706, 56.6214,
61.0025

■ 37.7346, 32.1323,
27.7305

■ 61.8499, 67.4190,
75.6730

■ 33.8263, 26.4134,
19.9610

■ 70.1885, 79.6205,
92.2512

■ 30.6806, 21.8103,
13.7076

■ 78.1674, 91.2967,
108.1099

■ 28.2477, 18.2501,
8.8714

■ 26.4719, 15.6514,
5.3417

■ 25.2893, 13.9208,
2.9914

■ 24.6234, 12.9462,
1.6681

■ 24.3577, 12.5573,
1.1400

Harmonies

Analogous

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



48.1765, 47.1752, 53.0010



48.0151, 47.1752, 48.1700



46.9906, 47.1752, 44.4313

Triad

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



48.0151, 47.1752, 48.1700



42.3470, 47.1752, 45.5344



44.2760, 47.1752, 61.2739

Complementary

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



48.0151, 47.1752, 48.1700



49.9124, 55.8513, 64.0274

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.



42.7533, 47.1752, 58.9867



48.0151, 47.1752, 48.1700



41.6586, 47.1752, 49.7646

Square

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



48.0151, 47.1752, 48.1700



43.7084, 47.1752, 42.9784



41.8054, 47.1752, 54.6999



45.9881, 47.1752, 60.7790

Rectangle

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



48.0151, 47.1752, 48.1700



45.9702, 47.1752, 42.9621



41.8054, 47.1752, 54.6999



43.7257, 47.1752, 60.7996

Sweetspot

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



48.0164, 47.1773, 48.1710



90.2833, 93.0252, 99.4234



50.7405, 48.2657, 62.5196



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



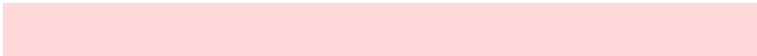
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0164, 47.1773, 48.1710



78.4818, 75.7566, 75.9613



50.5989, 52.3422, 49.0318



11.2125, 11.2139, 11.6530



15.6738, 8.0805, 0.7336



0.8086, 0.4170, 0.0379

Inverse Universe

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



49.9124, 55.8513, 64.0274



82.3492, 93.4498, 108.3051



47.0981, 50.2227, 63.0893



11.5432, 12.7268, 14.4185



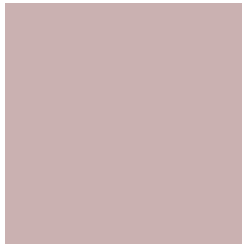
20.4463, 29.9166, 40.6531



1.0548, 1.5435, 2.0973

Previews

White Background



This preview shows how the XYZ color 48.0151, 47.1752, 48.1700 looks on a white background.

Color Contrast Check

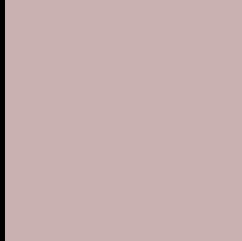
Large Text (above 18pt) WCAG AA × Fail

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 48.0151, 47.1752, 48.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

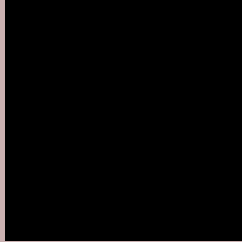
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0151, 47.1752, 48.1700

Background



This preview shows how black text looks on a background with the XYZ color 48.0151, 47.1752, 48.1700.



This preview shows how white text looks on a background with the XYZ color 48.0151, 47.1752,

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

48.0151, 47.1752, 48.1700

Protanopia

45.4597, 47.3160, 49.9169

Deuteranopia

48.2866, 47.3151, 48.1827



Tritanopia

49.4171, 47.1714, 54.6445

Trichromacy



Original Color

48.0151, 47.1752, 48.1700

Protanomaly

46.1962, 47.1037, 49.3049

Deuteranomaly

48.2866, 47.3151, 48.1827

Tritanomaly

48.9109, 47.2500, 52.4412

Monochromacy



Original Color

48.0151, 47.1752, 48.1700

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.3502, 47.4603, 50.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0151, 47.1752, 48.1700 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(202, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(202, 177, 177)  
}
```

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(202, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.0151, 47.1752, 48.1700 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(202, 177, 177) }
```


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

```
.border{ border-color:rgb(202, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(202, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0151, 47.1752, 48.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 177, 177) }
```

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

```
.background{ background-color: rgb(202,  
177, 177) }
```

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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