

Converting Colors

XYZ(48.0323, 47.0892, 52.4565)

Have a look what the booklet for
XYZ(48.0323, 47.0892, 52.4565)
contains.

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Color

**XYZ(48.0323, 47.0892,
52.4565)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B1B9
RGB	199, 177, 185
RGB Percent	78%, 69%, 73%
CMY	0.2196, 0.3059, 0.2745
CMYK	0.00, 0.11, 0.07, 0.22
HSL	338°, 16%, 74%
HSV	338°, 11%, 78%
XYZ	48.0323, 47.0892, 52.4565
YIQ	184.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

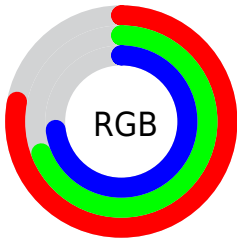
Format	Color
R_{YB}	199, 177, 185
Decimal	13087161
CIE _{Lab}	74.25, 9.27, -1.19
CIE _{LCh}	74, 9.343, 352.689
Yxy	47.0892, 0.3255, 0.3191
Android (android.graphics.Color)	4291277241 (0xFFC7B1B9)
YUV	184.4900, 0.2514, 12.7253
Hunter-Lab	68.6216, 4.8550, 2.7119

Details

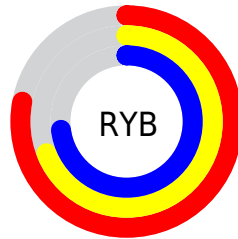
The XYZ color **48.0323, 47.0892, 52.4565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9607, 53.9568, 57.1798**, and the grayscale version is **45.8267, 48.2132, 52.5042**.

A 20% lighter version of the original color is **86.2561, 85.8887, 95.2511**, and **23.0496, 22.1010, 24.8809** is the 20% darker color. If you saturate the color by 10%, you get **43.1068, 39.2831, 44.5093**, and if you desaturate by 10%, it is **53.6528, 56.0934, 61.2242**.

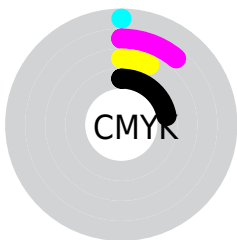
Distribution



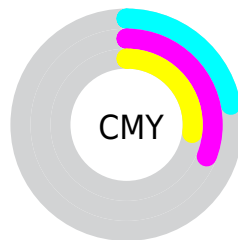
- Red (78%)
- Green (69%)
- Blue (73%)



- Red (78%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0323, 47.0892, 52.4565 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 48.0323, 47.0892, 52.4565 by changing the saturation by 10% instead.


 48.0323, 47.0892,
52.4565

 48.0323, 47.0892,
52.4565


369.5006,
375.1705, 413.2034

 34.0638, 33.1062,
36.9843


 86.4619, 85.8468,
95.2376

 23.1058, 22.2078,
24.8997


111.6537,
111.3901, 123.3835

 14.7927, 14.0097,
15.7840


141.3174,
141.5556, 156.5912

 8.7594, 8.1274,
9.2187

175.8182,
176.7278, 195.2790

 4.6404, 4.1766,
4.7854

215.5216,
217.2909, 239.8656

 2.0705, 1.7728,
2.0654

260.7929,

 0.6731, 0.4701,

263.6295, 290.7695

0.5950

311.9975,
316.1279, 348.4093

■ 0.0000, 0.0000,
0.0000

■ 48.0323, 47.0892,
52.4565

■ 48.0323, 47.0892,
52.4565

■ 43.1068, 39.2831,
44.5093

■ 53.6528, 56.0934,
61.2242

■ 38.8445, 32.6183,
37.3551

■ 59.9904, 66.3372,
70.8328

■ 35.2171, 27.0426,
30.9691

■ 67.0714, 77.8676,
81.3057

■ 32.1924, 22.4973,
25.3239

■ 74.4050, 89.6989,
92.4932

■ 29.7354, 18.9179,
20.3905

■ 76.3079, 90.4600,
102.5140

■ 27.8073, 16.2329,
16.1377

■ 77.3635, 90.8823,
108.0723

■ 26.3642, 14.3605,
12.5312

■ 25.3542, 13.2036,
9.5333

■ 24.7344, 12.6146,
7.3212

Harmonies

Analogous

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



47.3711, 47.0892, 57.0766



48.0323, 47.0892, 52.4565



47.7986, 47.0892, 47.7916

Triad

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



48.0323, 47.0892, 52.4565



43.5245, 47.0892, 43.2144



42.8305, 47.0892, 58.9742

Complementary

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



48.0323, 47.0892, 52.4565



47.9607, 53.9568, 57.1798

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.



41.8470, 47.0892, 54.9177



48.0323, 47.0892, 52.4565



42.2407, 47.0892, 45.8752

Square

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



48.0323, 47.0892, 52.4565



45.1685, 47.0892, 42.6462



41.6338, 47.0892, 50.1057



44.3477, 47.0892, 60.9892

Rectangle

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



48.0323, 47.0892, 52.4565



47.1694, 47.0892, 45.2617



41.6338, 47.0892, 50.1057



42.4281, 47.0892, 57.7925

Sweetspot

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



48.0336, 47.0913, 52.4575



91.8838, 94.9062, 104.0262



47.5017, 46.6378, 60.5318



19.4900, 20.0297, 21.9920



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.



48.0336, 47.0913, 52.4575



82.1585, 79.3577, 88.7549



47.7984, 47.9341, 48.3304



10.7906, 10.6996, 11.8804



15.9432, 8.1269, 4.9109



0.7896, 0.3987, 0.4154

Inverse Universe

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



48.0336, 47.0913, 52.4575



82.1585, 79.3577, 88.7549



48.1968, 52.9819, 61.7197



10.7906, 10.6996, 11.8804



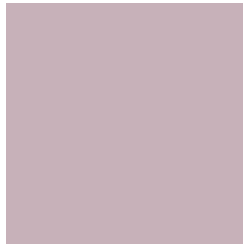
15.9432, 8.1269, 4.9109



0.7896, 0.3987, 0.4154

Previews

White Background



This preview shows how the XYZ color 48.0323, 47.0892, 52.4565 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 48.0323, 47.0892, 52.4565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

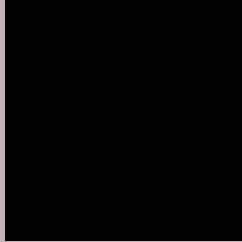
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0323, 47.0892, 52.4565

Background



This preview shows how black text looks on a background with the XYZ color 48.0323, 47.0892, 52.4565.



This preview shows how white text looks on a background with the XYZ color 48.0323, 47.0892,

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

48.0323, 47.0892, 52.4565

Protanopia

45.5722, 47.2771, 54.3004

Deuteranopia

48.0323, 47.0892, 52.4565



Tritanopia

48.6390, 47.0477, 55.2328

Trichromacy



Original Color

48.0323, 47.0892, 52.4565

Protanomaly

46.2772, 47.0492, 53.6560

Deuteranomaly

48.0323, 47.0892, 52.4565

Tritanomaly

48.4219, 46.9609, 54.0892

Monochromacy



Original Color

48.0323, 47.0892, 52.4565

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.1619, 47.3273, 52.0495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0323, 47.0892, 52.4565 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(199, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 177, 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(199, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 177, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.0323, 47.0892, 52.4565 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(199, 177, 185) }
```


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

```
.border{ border-color:rgb(199, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 177,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0323, 47.0892, 52.4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 177, 185) }
```

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

```
.background{ background-color: rgb(199,  
177, 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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