

Converting Colors

XYZ(50.8469, 50.6307, 48.5552)

Have a look what the booklet for
XYZ(50.8469, 50.6307, 48.5552)
contains.

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Color

**XYZ(50.8084, 50.7207,
48.7072)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB8B1
RGB	207, 184, 177
RGB Percent	81%, 72%, 69%
CMY	0.1882, 0.2784, 0.3059
CMYK	0.00, 0.11, 0.14, 0.19
HSL	14°, 24%, 75%
HSV	14°, 14%, 81%
XYZ	50.8084, 50.7207, 48.7072
YIQ	190.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

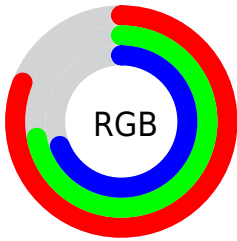
Format	Color
RYB	207, 186, 177
Decimal	13613233
CIELab	76.51, 7.04, 6.54
CIELCh	77, 9.612, 42.881
Yxy	50.7207, 0.3382, 0.3376
Android (android.graphics.Color)	4291803313 (0xFFCFB8B1)
YUV	190.0790, -6.4479, 14.8397
Hunter-Lab	71.2185, 2.7125, 9.3038

Details

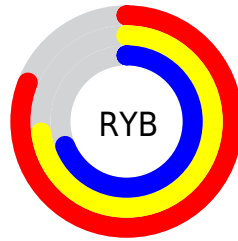
The XYZ color **50.8084, 50.7207, 48.7072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0479, 55.1594, 67.0409**, and the grayscale version is **49.0197, 51.5726, 56.1625**.

A 20% lighter version of the original color is **87.1081, 89.4634, 89.7679**, and **24.7033, 24.3632, 22.4694** is the 20% darker color. If you saturate the color by 10%, you get **45.7867, 43.7321, 37.6144**, and if you desaturate by 10%, it is **56.5157, 58.5784, 61.5738**.

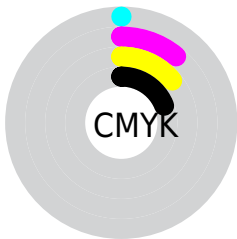
Distribution



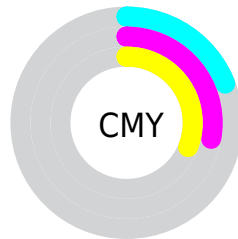
- Red (81%)
- Green (72%)
- Blue (69%)



- Red (81%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8084, 50.7207, 48.7072 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 50.8084, 50.7207, 48.7072 by changing the saturation by 10% instead.


 50.8084, 50.7207,
48.7072

 50.8084, 50.7207,
48.7072


380.2189,
389.4777, 398.1778

 36.2766, 35.9864,
34.0233


 90.5562, 91.2418,
89.6329

 24.8190, 24.4237,
22.6340


116.5028,
117.7973, 116.7118

 16.0702, 15.6482,
14.1207


146.9851,
149.0621, 148.7594

 9.6650, 9.2756,
8.0650

182.3684,
185.4204, 186.1944

 5.2380, 4.9214,
4.0482

223.0181,
227.2568, 229.4351

 2.4238, 2.2012,
1.6518

269.2995,

 0.8570, 0.7206,

274.9555, 278.9003

0.3274

321.5780,
328.9010, 335.0083

■ 0.0000, 0.0000,
0.0000

■ 50.8084, 50.7207,
48.7072

■ 50.8084, 50.7207,
48.7072

■ 45.7867, 43.7321,
37.6144

■ 56.5157, 58.5784,
61.5738

■ 41.4201, 37.5761,
28.2141

■ 62.9291, 67.3270,
76.2842

■ 37.6821, 32.2230,
20.4235

■ 70.0735, 76.9958,
92.9085

■ 34.5428, 27.6394,
14.1514

■ 77.1884, 87.2977,
107.3896

■ 31.9694, 23.7889,
9.2975

■ 79.5423, 92.0055,
108.1743

■ 29.9261, 20.6323,
5.7494

■ 28.3725, 18.1267,
3.3771

■ 27.2614, 16.2234,
2.0235

■ 26.8027, 15.4062,
1.5610

Harmonies

Analogous

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



51.6874, 50.7207, 53.0303



50.8084, 50.7207, 48.7072



49.2420, 50.7207, 46.2236

Triad

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



50.8084, 50.7207, 48.7072



44.9530, 50.7207, 52.3392



48.9898, 50.7207, 65.5418

Complementary

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



50.8084, 50.7207, 48.7072



50.0479, 55.1594, 67.0409

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.



47.1896, 50.7207, 65.3278



50.8084, 50.7207, 48.7072



44.8894, 50.7207, 57.4819

Square

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



50.8084, 50.7207, 48.7072



45.8750, 50.7207, 48.2286



45.6988, 50.7207, 62.3024



50.6198, 50.7207, 62.8700

Rectangle

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



50.8084, 50.7207, 48.7072



48.0335, 50.7207, 45.8430



45.6988, 50.7207, 62.3024



48.3839, 50.7207, 65.8097

Sweetspot

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



50.8098, 50.7230, 48.7083



91.0071, 94.4728, 99.6647



51.8801, 48.8805, 61.3446



19.3210, 20.0042, 20.9723



0.0000, 0.0000, 0.0000



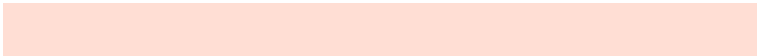
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8098, 50.7230, 48.7083



79.1399, 78.1166, 72.9630



54.0919, 57.2871, 49.8023



12.0296, 12.2498, 12.3425



16.9475, 9.8281, 1.0038



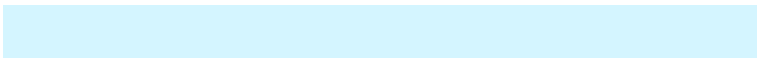
1.0099, 0.6741, 0.0769

Inverse Universe

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



50.0479, 55.1594, 67.0409



77.7165, 86.3970, 107.1879



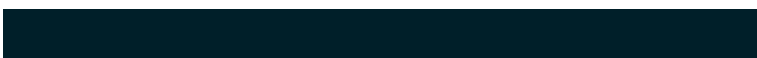
46.7436, 48.5507, 65.9394



11.9147, 12.9196, 15.1094



14.9472, 18.5411, 39.9835



0.8939, 1.1531, 2.2550

Previews

White Background



This preview shows how the XYZ color 50.8084, 50.7207, 48.7072 looks on a white background.

Color Contrast Check

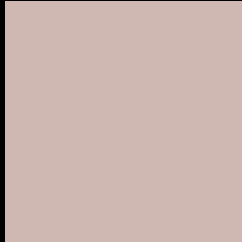
Large Text (above 18pt) WCAG AA × Fail

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 50.8084, 50.7207, 48.7072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

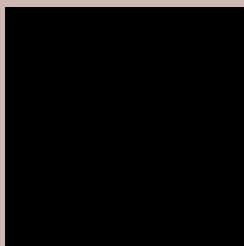
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8084, 50.7207, 48.7072

Background



This preview shows how black text looks on a background with the XYZ color 50.8084, 50.7207, 48.7072.



This preview shows how white text looks on a background with the XYZ color 50.8084, 50.7207,

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

50.8084, 50.7207, 48.7072

Protanopia

48.3680, 50.6904, 49.8828

Deuteranopia

51.5277, 50.4791, 48.6226



Tritanopia

52.6687, 50.5432, 58.6096

Trichromacy



Original Color

50.8084, 50.7207, 48.7072

Protanomaly

49.3594, 50.8971, 49.3421

Deuteranomaly

51.4476, 50.7429, 48.6778

Tritanomaly

51.8175, 50.4966, 54.5927

Monochromacy



Original Color

50.8084, 50.7207, 48.7072

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5051, 51.2050, 53.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8084, 50.7207, 48.7072 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(207, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 184, 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(207, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 184, 177) }
```

Border

The CSS property to change the border of an element to XYZ 50.8084, 50.7207, 48.7072 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(207, 184, 177) }
```


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

```
.border{ border-color:rgb(207, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 184,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8084, 50.7207, 48.7072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 184, 177) }
```

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

```
.background{ background-color: rgb(207,  
184, 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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