

Converting Colors

XYZ(51.1106, 50.6768, 50.4475)

Have a look what the booklet for
XYZ(51.1106, 50.6768, 50.4475)
contains.

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Color

**XYZ(50.9038, 50.4277,
50.2306)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFB7B4 |
| RGB | 207, 183, 180 |
| RGB Percent | 81%, 72%, 71% |
| CMY | 0.1882, 0.2823, 0.2941 |
| CMYK | 0.00, 0.12, 0.13, 0.19 |
| HSL | 7°, 22%, 76% |
| HSV | 7°, 13%, 81% |
| XYZ | 50.9038, 50.4277, 50.2306 |
| YIQ | 189.8340, 15.2670, 4.1550 |

Conversions

Conversions Part 2

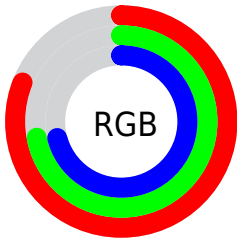
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 183, 180 |
| Decimal | 13612980 |
| CIE Lab | 76.33, 8.07, 4.65 |
| CIE LCh | 76, 9.313, 29.986 |
| Yxy | 50.4277, 0.3359, 0.3327 |
| Android (android.graphics.Color) | 4291803060 (0xFFCFB7B4) |
| YUV | 189.8340, -4.8482, 15.0546 |
| Hunter-Lab | 71.0125, 3.6822, 7.7700 |

Details

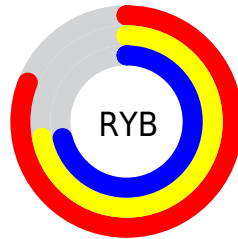
The XYZ color **50.9038, 50.4277, 50.2306** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6773, 57.3926, 67.3860**, and the grayscale version is **48.8701, 51.4151, 55.9911**.

A 20% lighter version of the original color is **87.2468, 89.0491, 91.9467**, and **24.7623, 24.1730, 23.4394** is the 20% darker color. If you saturate the color by 10%, you get **45.4010, 42.5483, 38.7579**, and if you desaturate by 10%, it is **57.2203, 59.4295, 63.5295**.

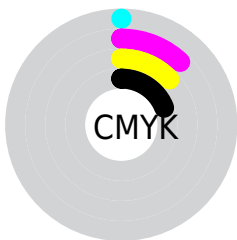
Distribution



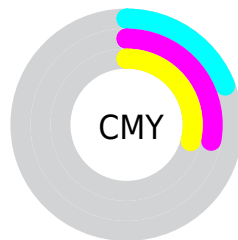
- Red (81%)
- Green (72%)
- Blue (71%)



- Red (81%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9038, 50.4277, 50.2306 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 50.9038, 50.4277, 50.2306 by changing the saturation by 10% instead.


 50.9038, 50.4277,
50.2306

 50.9038, 50.4277,
50.2306


380.5837,
388.3362, 404.3279

 36.3528, 35.7534,
35.2242


 90.6964, 90.8083,
91.9163

 24.8782, 24.2438,
23.5507


116.6687,
117.2833, 119.4326

 16.1145, 15.5145,
14.7916


147.1788,
148.4606, 151.9560

 9.6966, 9.1813,
8.5282

182.5920,
184.7247, 189.9050

 5.2590, 4.8596,
4.3422

223.2738,
226.4599, 233.6982

 2.4363, 2.1651,
1.8149

269.5894,

 0.8633, 0.7009,

274.0506, 283.7540

0.4377

321.9043,
327.8812, 340.4911

0.0000, 0.0000,
0.0000

50.9038, 50.4277,
50.2306

50.9038, 50.4277,
50.2306

45.4010, 42.5483,
38.7579

57.2203, 59.4295,
63.5295

40.6749, 35.7409,
29.0285

64.3775, 69.5884,
78.7262

36.6914, 29.9611,
20.9580

72.4062, 80.9457,
95.8922

33.4126, 25.1588,
14.4536

79.5423, 92.0055,
108.1743

30.7971, 21.2799,
9.4134

■ 28.7991, 18.2648,
5.7235

■ 27.3669, 16.0469,
3.2529

■ 26.4400, 14.5497,
1.8447

■ 26.0393, 13.8795,
1.3066

Harmonies

Analogous

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



51.3740, 50.4277, 54.9096



50.9038, 50.4277, 50.2306



49.6329, 50.4277, 46.9787

Triad

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



50.9038, 50.4277, 50.2306



45.0752, 50.4277, 50.2267



47.9292, 50.4277, 65.1181

Complementary

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



50.9038, 50.4277, 50.2306



51.6773, 57.3926, 67.3860

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.



46.2666, 50.4277, 63.6810



50.9038, 50.4277, 50.2306



44.6435, 50.4277, 54.9048

Square

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



50.9038, 50.4277, 50.2306



46.2680, 50.4277, 46.9766



45.0744, 50.4277, 59.8654



49.6314, 50.4277, 63.6836

Rectangle

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



50.9038, 50.4277, 50.2306



48.5175, 50.4277, 45.9540



45.0744, 50.4277, 59.8654



47.3473, 50.4277, 64.9537

Sweetspot

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



50.9052, 50.4299, 50.2317



90.6269, 93.7123, 99.5379



52.9890, 50.2826, 64.2287



19.2251, 19.8125, 20.9403



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.



50.9052, 50.4299, 50.2317



78.6667, 76.6524, 74.4015



53.7559, 56.1313, 51.1819



11.9131, 12.0170, 12.3037



16.4406, 8.8143, 0.8348



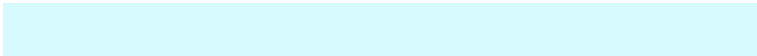
0.9558, 0.5659, 0.0588

Inverse Universe

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



51.6773, 57.3926, 67.3860



80.1689, 90.2041, 107.7935



48.6727, 51.3833, 66.3845



12.0414, 13.1730, 15.1517



17.9345, 24.5157, 40.9792



1.0355, 1.4363, 2.3022

Previews

White Background



This preview shows how the XYZ color 50.9038, 50.4277, 50.2306 looks on a white background.

Color Contrast Check

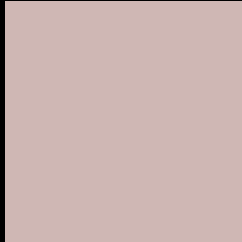
Large Text (above 18pt) WCAG AA × Fail

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 50.9038, 50.4277, 50.2306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

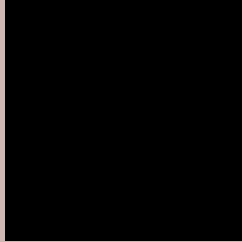
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9038, 50.4277, 50.2306

Background



This preview shows how black text looks on a background with the XYZ color 50.9038, 50.4277, 50.2306.



This preview shows how white text looks on a background with the XYZ color 50.9038, 50.4277,

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

50.9038, 50.4277, 50.2306

Protanopia

48.5228, 50.7228, 52.0328

Deuteranopia

51.5445, 50.4528, 50.2017



Tritanopia

52.6687, 50.5432, 58.6096

Trichromacy



Original Color

50.9038, 50.4277, 50.2306

Protanomaly

49.2911, 50.5010, 51.4057

Deuteranomaly

51.2607, 50.3065, 50.1884

Tritanomaly

52.0346, 50.5835, 55.7363

Monochromacy



Original Color

50.9038, 50.4277, 50.2306

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3982, 50.8216, 53.6604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9038, 50.4277, 50.2306 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, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 180) }
```

Border

The CSS property to change the border of an element to XYZ 50.9038, 50.4277, 50.2306 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, 183, 180) }
```


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

```
.border{ border-color:rgb(207, 183, 180) }
```

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

Here you see how a box with a 4 pixel rgb(207, 183, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9038, 50.4277, 50.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 180) }
```

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

```
.background{ background-color: rgb(207,  
183, 180) }
```

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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