

Converting Colors

XYZ(50.8635, 48.6570, 45.4198)

Have a look what the booklet for
XYZ(50.8635, 48.6570, 45.4198)
contains.

XYZ(50.8044, 48.6807, 45.2467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.8044, 48.6807,
45.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B1AB
RGB	214, 177, 171
RGB Percent	84%, 69%, 67%
CMY	0.1608, 0.3059, 0.3294
CMYK	0.00, 0.17, 0.20, 0.16
HSL	8°, 34%, 75%
HSV	8°, 20%, 84%
XYZ	50.8044, 48.6807, 45.2467
YIQ	187.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

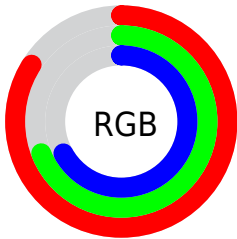
Format	Color
RYB	214, 178, 171
Decimal	14070187
CIELab	75.25, 12.45, 8.08
CIELCh	75, 14.846, 32.994
Yxy	48.6807, 0.3510, 0.3364
Android (android.graphics.Color)	4292260267 (0xFFD6B1AB)
YUV	187.3790, -8.0748, 23.3466
Hunter-Lab	69.7716, 7.8752, 10.3907

Details

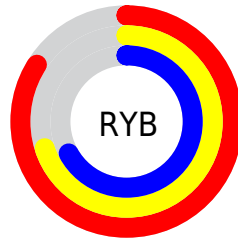
The XYZ color **50.8044, 48.6807, 45.2467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4876, 58.6233, 72.2205**, and the grayscale version is **47.4839, 49.9568, 54.4029**.

A 20% lighter version of the original color is **84.1064, 85.0288, 83.9308**, and **24.8355, 23.1181, 20.6060** is the 20% darker color. If you saturate the color by 10%, you get **45.5330, 41.1420, 34.2274**, and if you desaturate by 10%, it is **56.8994, 57.3373, 58.1709**.

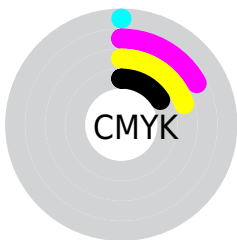
Distribution



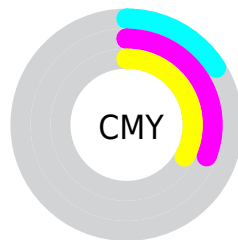
- Red (84%)
- Green (69%)
- Blue (67%)



- Red (84%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8044, 48.6807, 45.2467 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 50.8044, 48.6807, 45.2467 by changing the saturation by 10% instead.


 50.8044, 48.6807,
45.2467

 50.8044, 48.6807,
45.2467


380.2036,
381.4839, 383.9610

 36.2734, 34.3663,
31.3074

 90.5503, 88.2170,
84.4129

 24.8165, 23.1751,
20.5726


116.4959,
114.2077, 110.4768

 16.0684, 14.7229,
12.6238


146.9770,
144.8593, 141.4194

 9.6637, 8.6251,
7.0423

182.3591,
180.5561, 177.6592

 5.2371, 4.4975,
3.4097

223.0074,
221.6826, 219.6147

 2.4232, 1.9556,
1.3075

269.2873,

 0.8567, 0.5815,

268.6231, 267.7045

0.0679

321.5643,
321.7621, 322.3471

■ 0.0000, 0.0000,
0.0000

■ 50.8044, 48.6807,
45.2467

■ 50.8044, 48.6807,
45.2467

■ 45.5330, 41.1420,
34.2274

■ 56.8994, 57.3373,
58.1709

■ 41.0459, 34.6692,
25.0200

■ 63.8474, 67.1479,
73.0812

■ 37.3064, 29.2161,
17.5281

■ 71.6808, 78.1552,
90.0574

■ 34.2733, 24.7302,
11.6451

■ 80.1707, 90.2941,
107.8108

■ 31.9014, 21.1548,
7.2525

■ 81.5417, 93.0362,
108.2678

■ 30.1400, 18.4268,
4.2155

■ 28.9309, 16.4750,
2.3744

■ 28.1930, 15.2188,
1.4516

Harmonies

Analogous

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



51.7013, 48.6807, 52.2250



50.8044, 48.6807, 45.2467



48.6896, 48.6807, 40.7287

Triad

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



50.8044, 48.6807, 45.2467



41.7568, 48.6807, 46.4794



46.5438, 48.6807, 69.4457

Complementary

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



50.8044, 48.6807, 45.2467



51.4876, 58.6233, 72.2205

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.



43.9311, 48.6807, 67.5292



50.8044, 48.6807, 45.2467



41.2322, 48.6807, 53.7927

Square

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



50.8044, 48.6807, 45.2467



43.4747, 48.6807, 41.3899



42.0129, 48.6807, 61.6030



49.1817, 48.6807, 66.6122

Rectangle

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



50.8044, 48.6807, 45.2467



46.9115, 48.6807, 39.4635



42.0129, 48.6807, 61.6030



45.6335, 48.6807, 69.3361

Sweetspot

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



50.8057, 48.6829, 45.2477



88.6271, 90.9403, 95.0867



53.7130, 47.9898, 66.2791



18.8263, 19.2622, 20.0450



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.



50.8057, 48.6829, 45.2477



72.1568, 67.5493, 60.1565



55.3302, 57.7319, 46.7559



12.5617, 12.6977, 12.9495



17.0856, 9.2884, 0.8923



1.0767, 0.6526, 0.0692

Inverse Universe

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



51.4876, 58.6233, 72.2205



73.3411, 84.8514, 107.1202



46.6536, 48.9553, 70.6092



12.6375, 13.7984, 15.9348



17.7692, 23.8003, 42.1105



1.1133, 1.5187, 2.5538

Previews

White Background



This preview shows how the XYZ color 50.8044, 48.6807, 45.2467 looks on a white background.

Color Contrast Check

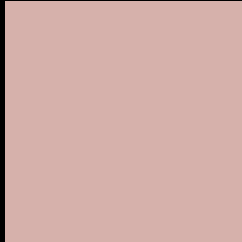
Large Text (above 18pt) WCAG AA × Fail

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 50.8044, 48.6807, 45.2467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

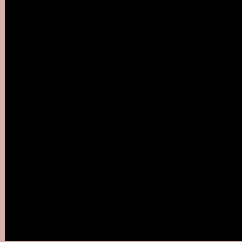
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8044, 48.6807, 45.2467

Background



This preview shows how black text looks on a background with the XYZ color 50.8044, 48.6807, 45.2467.



This preview shows how white text looks on a background with the XYZ color 50.8044, 48.6807,

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

50.8044, 48.6807, 45.2467

Protanopia

46.5727, 48.8694, 47.5355

Deuteranopia

49.7653, 48.7358, 45.3121



Tritanopia

52.5321, 48.5019, 54.1700

Trichromacy



Original Color

50.8044, 48.6807, 45.2467

Protanomaly

47.9211, 48.6540, 46.9098

Deuteranomaly

50.1350, 48.6299, 45.2722

Tritanomaly

51.7978, 48.4844, 50.8844

Monochromacy



Original Color

50.8044, 48.6807, 45.2467

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.2999, 49.0735, 50.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8044, 48.6807, 45.2467 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(214, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 171)  
}
```

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(214, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.8044, 48.6807, 45.2467 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(214, 177, 171) }
```


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

```
.border{ border-color:rgb(214, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8044, 48.6807, 45.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 171) }
```

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

```
.background{ background-color: rgb(214,  
177, 171) }
```

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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