

Converting Colors

XYZ(47.7596, 48.0812, 34.9911)

Have a look what the booklet for
XYZ(47.7596, 48.0812, 34.9911)
contains.

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Color

**XYZ(47.7585, 48.2223,
35.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B495
RGB	208, 180, 149
RGB Percent	82%, 71%, 58%
CMY	0.1843, 0.2941, 0.4157
CMYK	0.00, 0.13, 0.28, 0.18
HSL	32°, 39%, 70%
HSV	32°, 28%, 82%
XYZ	47.7585, 48.2223, 35.2245
YIQ	184.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

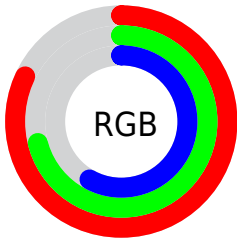
Format	Color
R _Y B	202, 208, 149
Decimal	13677717
CIE Lab	74.96, 5.41, 19.54
CIE LCh	75, 20.276, 74.516
Yxy	48.2223, 0.3640, 0.3675
Android (android.graphics.Color)	4291867797 (0xFFD0B495)
YUV	184.8380, -17.6681, 20.3131
Hunter-Lab	69.4423, 1.2383, 18.5348

Details

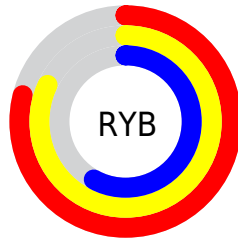
The XYZ color **47.7585, 48.2223, 35.2245** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5014, 42.3868, 65.7742**, and the grayscale version is **46.1098, 48.5111, 52.8286**.

A 20% lighter version of the original color is **82.0149, 85.5627, 68.6925**, and **22.9308, 22.8329, 14.7539** is the 20% darker color. If you saturate the color by 10%, you get **44.3222, 43.7740, 26.6049**, and if you desaturate by 10%, it is **51.6358, 53.0774, 45.4554**.

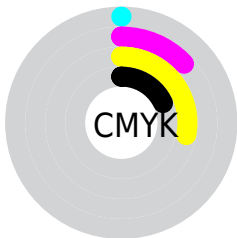
Distribution



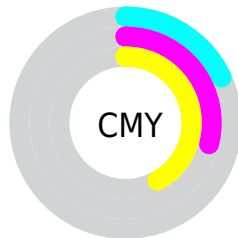
- Red (82%)
- Green (71%)
- Blue (58%)



- Red (79%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7585, 48.2223, 35.2245 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 47.7585, 48.2223, 35.2245 by changing the saturation by 10% instead.


 47.7585, 48.2223,
35.2245


 47.7585, 48.2223,
35.2245


368.4326,
379.6726, 340.4925

 33.8461, 34.0030,
23.5509


 86.0566, 87.5353,
68.9889

 22.9377, 22.8959,
14.7917


 111.1730,
113.3977, 91.9168

 14.6680, 14.5166,
8.5283


140.7549,
143.9100, 119.4333

 8.6715, 8.4809,
4.3423

175.1675,
179.4565, 151.9568

 4.5829, 4.4042,
1.8149

214.7762,
220.4216, 189.9060

 2.0369, 1.9021,
0.4378

259.9464,

 0.6546, 0.5496,

267.1897, 233.6993

0.0000

311.0434,
320.1453, 283.7553

■ 0.0000, 0.0000,
0.0000

■ 47.7585, 48.2223,
35.2245

■ 47.7585, 48.2223,
35.2245

■ 44.3222, 43.7740,
26.6049

■ 51.6358, 53.0774,
45.4554

■ 41.3045, 39.7138,
19.5095

■ 55.9679, 58.3444,
57.3725

■ 38.6862, 36.0308,
13.8474

■ 60.7723, 64.0362,
71.0496

■ 36.4452, 32.7113,
9.5167

■ 66.0647, 70.1636,
86.5552

■ 34.5564, 29.7399,
6.4018

■ 71.8597, 76.7365,
103.9542

■ 32.9910, 27.0997,
4.3671

■ 74.9945, 82.4939,
106.5780

■ 31.7065, 24.7682,
3.2073

■ 77.9670, 88.4389,
107.5689

■ 31.5135, 24.4120,
3.0510

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



51.0933, 48.2223, 39.4836



47.7585, 48.2223, 35.2245



44.0746, 48.2223, 35.1563

Triad

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



47.7585, 48.2223, 35.2245



39.2892, 48.2223, 57.7772



51.0020, 48.2223, 68.4063

Complementary

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



47.7585, 48.2223, 35.2245



39.5014, 42.3868, 65.7742

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.



47.6393, 48.2223, 74.7901



47.7585, 48.2223, 35.2245



40.9483, 48.2223, 68.1164

Square

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



47.7585, 48.2223, 35.2245



39.3172, 48.2223, 47.2547



43.9616, 48.2223, 74.6773



53.0335, 48.2223, 58.1323

Rectangle

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



47.7585, 48.2223, 35.2245



41.9217, 48.2223, 37.4505



43.9616, 48.2223, 74.6773



49.9821, 48.2223, 71.1361

Sweetspot

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



47.7598, 48.2245, 35.2255



88.1964, 91.8567, 89.4628



44.7477, 38.1004, 46.8617



18.6531, 19.3906, 18.5230



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.



47.7598, 48.2245, 35.2255



72.3471, 72.1208, 47.3001



53.7178, 60.5497, 37.2905



12.3155, 12.8216, 12.4378



19.7384, 15.4098, 1.9341



1.1828, 1.0200, 0.1345

Inverse Universe

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



39.5014, 42.3868, 65.7742



57.1709, 61.3948, 103.4449



34.7078, 32.5321, 64.1247



11.6197, 12.3297, 15.0111



9.9542, 8.5551, 38.3191



0.6358, 0.6367, 2.1690

Previews

White Background



This preview shows how the XYZ color 47.7585, 48.2223, 35.2245 looks on a white background.

Color Contrast Check

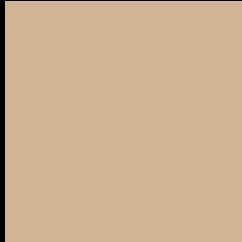
Large Text (above 18pt) WCAG AA × Fail

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 47.7585, 48.2223, 35.2245 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 47.7585, 48.2223, 35.2245

Background



This preview shows how black text looks on a background with the XYZ color 47.7585, 48.2223, 35.2245.



This preview shows how white text looks on a background with the XYZ color 47.7585, 48.2223,

35.2245.

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

47.7585, 48.2223, 35.2245

Protanopia

45.2321, 48.1174, 36.1818

Deuteranopia

49.2515, 48.0934, 35.5413



Tritanopia

51.8476, 48.4369, 54.1935

Trichromacy



Original Color

47.7585, 48.2223, 35.2245

Protanomaly

46.2579, 48.3483, 35.7483

Deuteranomaly

48.5768, 48.0398, 35.5665

Tritanomaly

50.2261, 48.3492, 46.7295

Monochromacy



Original Color

47.7585, 48.2223, 35.2245

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.3722, 48.1830, 45.8859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7585, 48.2223, 35.2245 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(208, 180, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 180, 149)  
}
```

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(208, 180, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 180, 149) }
```

Border

The CSS property to change the border of an element to XYZ 47.7585, 48.2223, 35.2245 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(208, 180, 149) }
```


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

```
.border{ border-color:rgb(208, 180, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 180, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 180, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 180, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 180,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7585, 48.2223, 35.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 180, 149) }
```

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

```
.background{ background-color: rgb(208,  
180, 149) }
```

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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