

Converting Colors

XYZ(48.3107, 49.7426, 48.6500)

Have a look what the booklet for
XYZ(48.3107, 49.7426, 48.6500)
contains.

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Color

**XYZ(48.3107, 49.7426,
48.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B9B1
RGB	197, 185, 177
RGB Percent	77%, 73%, 69%
CMY	0.2274, 0.2745, 0.3059
CMYK	0.00, 0.06, 0.10, 0.23
HSL	24°, 15%, 73%
HSV	24°, 10%, 77%
XYZ	48.3107, 49.7426, 48.6500
YIQ	187.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

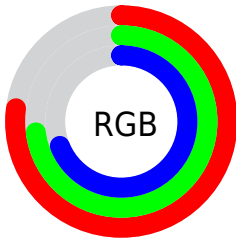
Format	Color
RYB	197, 190, 177
Decimal	12958129
CIELab	75.91, 2.86, 5.57
CIELCh	76, 6.261, 62.803
Yxy	49.7426, 0.3293, 0.3391
Android (android.graphics.Color)	4291148209 (0xFFC5B9B1)
YUV	187.6760, -5.2633, 8.1771
Hunter-Lab	70.5284, -1.1555, 8.4721

Details

The XYZ color **48.3107, 49.7426, 48.6500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4068, 49.7724, 59.9848**, and the grayscale version is **47.6424, 50.1235, 54.5845**.

A 20% lighter version of the original color is **87.0363, 89.8646, 89.8491**, and **23.2170, 23.7974, 22.4385** is the 20% darker color. If you saturate the color by 10%, you get **44.1175, 44.2746, 38.2539**, and if you desaturate by 10%, it is **52.9956, 55.7393, 60.6097**.

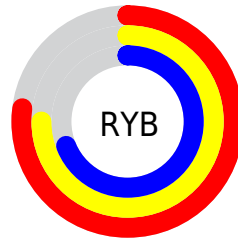
Distribution



Red (77%)

Green (73%)

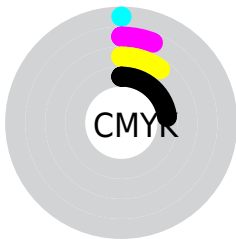
Blue (69%)



Red (77%)

Yellow (75%)

Blue (69%)

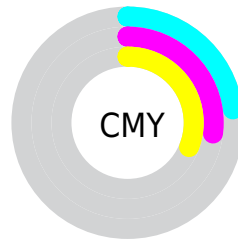


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3107, 49.7426, 48.6500 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 48.3107, 49.7426, 48.6500 by changing the saturation by 10% instead.

■ 48.3107, 49.7426,
48.6500

■ 48.3107, 49.7426,
48.6500

370.5845,
385.6585, 397.9456

■ 34.2853, 35.2089,
33.9783

■ 86.8737, 89.7934,
89.5470

■ 23.2768, 23.8239,
22.5997

112.1420,
116.0793, 116.6094

■ 14.9198, 15.2030,
14.0957

141.8887,
147.0514, 148.6390

■ 8.8491, 8.9620,
8.0477

176.4790,
183.0940, 186.0545

■ 4.6992, 4.7164,
4.0373

216.2784,
224.5917, 229.2744

■ 2.1048, 2.0818,
1.6458

261.6522,

■ 0.6918, 0.6544,

271.9287, 278.7171

0.3232

312.9658,
325.4895, 334.8014

■ 0.0000, 0.0000,
0.0000

■ 48.3107, 49.7426,
48.6500

■ 48.3107, 49.7426,
48.6500

■ 44.1175, 44.2746,
38.2539

■ 52.9956, 55.7393,
60.6097

■ 40.3948, 39.3140,
29.3530

■ 58.1844, 62.2722,
74.1913

■ 37.1260, 34.8474,
21.8782

■ 63.8936, 69.3572,
89.4540

■ 34.2915, 30.8586,
15.7541

■ 70.0087, 76.9556,
105.7718

■ 31.8705, 27.3300,
10.8977

■ 73.4527, 83.8435,
106.9198

■ 29.8399, 24.2431,
7.2173

■ 76.8361, 90.6104,
108.0476

■ 28.1741, 21.5777,
4.6082

■ 26.8435, 19.3116,
2.9469

■ 25.8105, 17.4391,
2.0057

Harmonies

Analogous

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



49.1880, 49.7426, 50.7575



48.3107, 49.7426, 48.6500



47.1693, 49.7426, 47.9994

Triad

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



48.3107, 49.7426, 48.6500



45.0753, 49.7426, 54.4758



48.5036, 49.7426, 59.7380

Complementary

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



48.3107, 49.7426, 48.6500



46.4068, 49.7724, 59.9848

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.



47.3885, 49.7426, 60.8291



48.3107, 49.7426, 48.6500



45.4198, 49.7426, 57.7138

Square

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



48.3107, 49.7426, 48.6500



45.3131, 49.7426, 51.2800



46.2618, 49.7426, 60.0737



49.3006, 49.7426, 57.1484

Rectangle

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



48.3107, 49.7426, 48.6500



46.4155, 49.7426, 48.4566



46.2618, 49.7426, 60.0737



48.1529, 49.7426, 60.2969

Sweetspot

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



48.3121, 49.7448, 48.6511



92.3962, 96.6243, 102.0597



47.9339, 46.9894, 54.6881



19.6278, 20.4917, 21.4634



0.0000, 0.0000, 0.0000



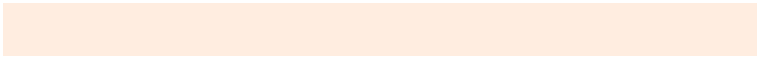
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3121, 49.7448, 48.6511



84.9307, 87.0271, 83.1274



50.4773, 54.0753, 49.3728



10.9764, 11.3220, 11.1696



17.0535, 11.6242, 1.3449



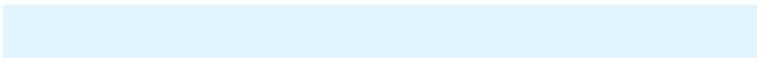
0.8781, 0.6915, 0.0872

Inverse Universe

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



46.4068, 49.7724, 59.9848



80.8916, 87.0853, 107.1534



44.3302, 45.6192, 59.2926



10.5768, 11.3278, 13.5465



10.9860, 11.3660, 36.3592



0.5897, 0.6772, 1.7448

Previews

White Background



This preview shows how the XYZ color 48.3107, 49.7426, 48.6500 looks on a white background.

Color Contrast Check

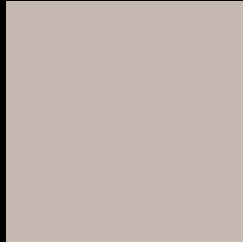
Large Text (above 18pt) WCAG AA × Fail

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 48.3107, 49.7426, 48.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

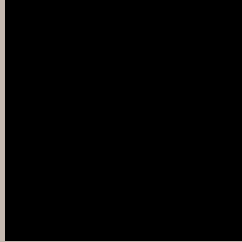
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3107, 49.7426, 48.6500

Background



This preview shows how black text looks on a background with the XYZ color 48.3107, 49.7426, 48.6500.



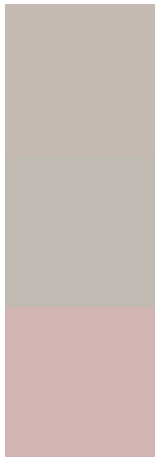
This preview shows how white text looks on a background with the XYZ color 48.3107, 49.7426,

48.6500.

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

48.3107, 49.7426, 48.6500

Protanopia

47.5871, 49.6696, 49.1986

Deuteranopia

50.8543, 49.8174, 49.0549



Tritanopia

50.5112, 49.7208, 59.1594

Trichromacy



Original Color

48.3107, 49.7426, 48.6500

Protanomaly

47.8429, 49.8015, 49.2105

Deuteranomaly

49.9407, 49.6494, 49.0706

Tritanomaly

49.6720, 49.6832, 55.1159

Monochromacy



Original Color

48.3107, 49.7426, 48.6500

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9079, 50.0777, 52.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3107, 49.7426, 48.6500 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(197, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 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(197, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.3107, 49.7426, 48.6500 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(197, 185, 177) }
```


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

```
.border{ border-color:rgb(197, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 177);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3107, 49.7426, 48.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 177) }
```

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

```
.background{ background-color: rgb(197,  
185, 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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