

Converting Colors

XYZ(48.6401, 47.8371, 46.2050)

Have a look what the booklet for
XYZ(48.6401, 47.8371, 46.2050)
contains.

XYZ(48.6401, 47.8371, 46.2050)	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(48.6401, 47.8371,
46.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB2AD
RGB	205, 178, 173
RGB Percent	80%, 70%, 68%
CMY	0.1961, 0.3019, 0.3216
CMYK	0.00, 0.13, 0.16, 0.20
HSL	9°, 24%, 74%
HSV	9°, 16%, 80%
XYZ	48.6401, 47.8371, 46.2050
YIQ	185.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

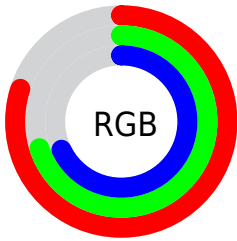
Format	Color
R_{YB}	205, 179, 173
Decimal	13480621
CIE _{Lab}	74.72, 8.89, 6.12
CIE _{LCh}	75, 10.796, 34.559
Yxy	47.8371, 0.3409, 0.3353
Android (android.graphics.Color)	4291670701 (0xFFCDB2AD)
YUV	185.5030, -6.1640, 17.0989
Hunter-Lab	69.1644, 4.4931, 8.8066

Details

The XYZ color **48.6401, 47.8371, 46.2050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9070, 54.5993, 65.7192**, and the grayscale version is **46.4218, 48.8394, 53.1861**.

A 20% lighter version of the original color is **84.6664, 85.7071, 85.4795**, and **23.3625, 22.5317, 21.2069** is the 20% darker color. If you saturate the color by 10%, you get **43.5801, 40.6514, 35.4710**, and if you desaturate by 10%, it is **54.4410, 56.0165, 58.6887**.

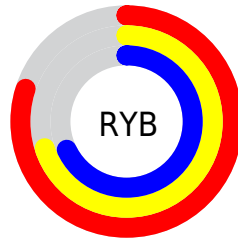
Distribution



Red (80%)

Green (70%)

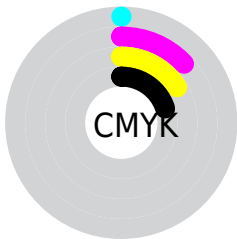
Blue (68%)



Red (80%)

Yellow (70%)

Blue (68%)

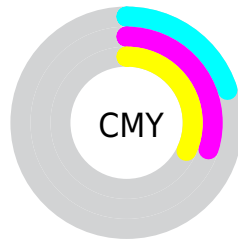


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6401, 47.8371, 46.2050 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 48.6401, 47.8371, 46.2050 by changing the saturation by 10% instead.


 48.6401, 47.8371,
46.2050

 48.6401, 47.8371,
46.2050

371.8643,
378.1461, 387.9337

 34.5474, 33.6979,
32.0578


 87.3606, 86.9618,
85.8632

 23.4793, 22.6616,
21.1405


112.7192,
112.7161, 112.2113

 15.0705, 14.3438,
13.0345


142.5638,
143.1109, 143.4635

 8.9555, 8.3602,
7.3213

177.2597,
178.5306, 180.0382

 4.7691, 4.3263,
3.5823

217.1724,
219.3596, 222.3540

 2.1458, 1.8577,
1.3991

262.6671,

 0.7139, 0.5228,

265.9822, 270.8295

0.1410

314.1093,
318.7829, 325.8832

■ 0.0000, 0.0000,
0.0000

■ 48.6401, 47.8371,
46.2050

■ 48.6401, 47.8371,
46.2050

■ 43.5801, 40.6514,
35.4710

■ 54.4410, 56.0165,
58.6887

■ 39.2271, 34.4153,
26.4055

■ 61.0071, 65.2188,
72.9923

■ 35.5504, 29.0909,
18.9254

■ 68.3663, 75.4802,
89.1860

■ 32.5157, 24.6351,
12.9390

■ 76.5438, 86.8327,
107.3338

■ 30.0852, 21.0014,
8.3456

■ 78.9871, 91.7193,
108.1483

■ 28.2175, 18.1390,
5.0316

■ 26.8654, 15.9912,
2.8658

■ 25.9734, 14.4930,
1.6869

■ 25.6951, 14.0153,
1.3509

Harmonies

Analogous

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



49.3259, 47.8371, 51.2339



48.6401, 47.8371, 46.2050



47.1047, 47.8371, 42.9417

Triad

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



48.6401, 47.8371, 46.2050



42.1512, 47.8371, 47.5894



45.7677, 47.8371, 63.5941

Complementary

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



48.6401, 47.8371, 46.2050



48.9070, 54.5993, 65.7192

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.



43.8691, 47.8371, 62.4453



48.6401, 47.8371, 46.2050



41.8162, 47.8371, 52.9484

Square

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



48.6401, 47.8371, 46.2050



43.3648, 47.8371, 43.6998



42.4364, 47.8371, 58.4470



47.6375, 47.8371, 61.4829

Rectangle

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



48.6401, 47.8371, 46.2050



45.8257, 47.8371, 42.0708



42.4364, 47.8371, 58.4470



45.1116, 47.8371, 63.5775

Sweetspot

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



48.6414, 47.8392, 46.2060



89.7287, 92.5340, 97.3330



50.5697, 47.0464, 61.1823



19.0511, 19.5889, 20.4985



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.



48.6414, 47.8392, 46.2060



76.5261, 73.9001, 68.9742



51.9675, 54.4915, 47.3147



11.3516, 11.4922, 11.6994



16.0411, 8.8152, 0.8560



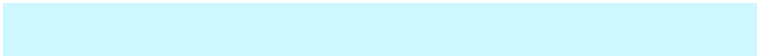
0.8735, 0.5467, 0.0595

Inverse Universe

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



48.9070, 54.5993, 65.7192



77.0471, 87.2017, 107.3785



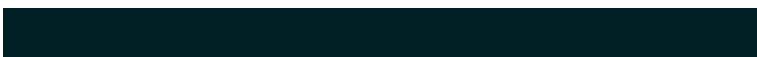
45.4357, 47.6568, 64.5621



11.3881, 12.4166, 14.3668



16.2135, 21.4509, 39.2422



0.8777, 1.1891, 2.0382

Previews

White Background



This preview shows how the XYZ color 48.6401, 47.8371, 46.2050 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 48.6401, 47.8371, 46.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

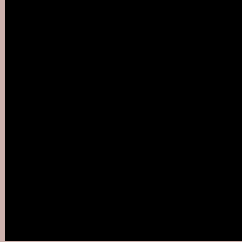
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6401, 47.8371, 46.2050

Background



This preview shows how black text looks on a background with the XYZ color 48.6401, 47.8371, 46.2050.



This preview shows how white text looks on a background with the XYZ color 48.6401, 47.8371,

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

48.6401, 47.8371, 46.2050

Protanopia

45.7562, 47.8204, 47.8929

Deuteranopia

48.9168, 47.9797, 46.2180



Tritanopia

50.4428, 47.9902, 54.7485

Trichromacy



Original Color

48.6401, 47.8371, 46.2050

Protanomaly

46.7674, 47.7450, 47.3082

Deuteranomaly

48.9168, 47.9797, 46.2180

Tritanomaly

49.7230, 47.9850, 51.4411

Monochromacy



Original Color

48.6401, 47.8371, 46.2050

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2663, 48.5406, 50.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6401, 47.8371, 46.2050 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(205, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(205, 178, 173)  
}
```

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(205, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 178, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.6401, 47.8371, 46.2050 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(205, 178, 173) }
```


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

```
.border{ border-color:rgb(205, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(205, 178,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6401, 47.8371, 46.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 178, 173) }
```

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

```
.background{ background-color: rgb(205,  
178, 173) }
```

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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