

Converting Colors

XYZ(48.1075, 49.9158, 46.4910)

Have a look what the booklet for
XYZ(48.1075, 49.9158, 46.4910)
contains.

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Color

**XYZ(48.1277, 50.0053,
46.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BAAD
RGB	197, 186, 173
RGB Percent	77%, 73%, 68%
CMY	0.2274, 0.2706, 0.3216
CMYK	0.00, 0.06, 0.12, 0.23
HSL	33°, 17%, 73%
HSV	33°, 12%, 77%
XYZ	48.1277, 50.0053, 46.6505
YIQ	187.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

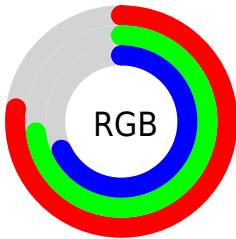
Format	Color
RYB	193, 197, 173
Decimal	12958381
CIELab	76.07, 1.66, 7.97
CIELCh	76, 8.142, 78.231
Yxy	50.0053, 0.3324, 0.3454
Android (android.graphics.Color)	4291148461 (0xFFC5BAAD)
YUV	187.8070, -7.2999, 8.0623
Hunter-Lab	70.7144, -2.2645, 10.3863

Details

The XYZ color **48.1277, 50.0053, 46.6505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4519, 47.1954, 59.5906**, and the grayscale version is **47.7274, 50.2130, 54.6819**.

A 20% lighter version of the original color is **86.6288, 90.1765, 86.2388**, and **23.1664, 23.9952, 21.4997** is the 20% darker color. If you saturate the color by 10%, you get **44.5188, 45.6163, 36.7260**, and if you desaturate by 10%, it is **52.1406, 54.7514, 58.0976**.

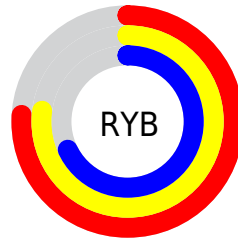
Distribution



Red (77%)

Green (73%)

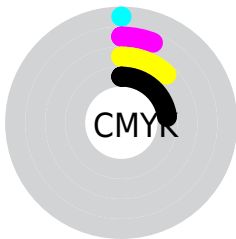
Blue (68%)



Red (76%)

Yellow (77%)

Blue (68%)

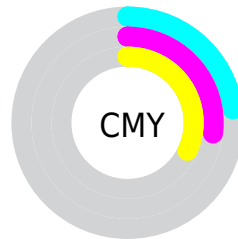


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1277, 50.0053, 46.6505 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 48.1277, 50.0053, 46.6505 by changing the saturation by 10% instead.

■ 48.1277, 50.0053,
46.6505

■ 48.1277, 50.0053,
46.6505

369.8722,
386.6867, 389.7710

■ 34.1397, 35.4176,
32.4071

■ 86.6031, 90.1827,
86.5362

■ 23.1643, 23.9847,
21.4052

111.8211,
116.5413, 113.0156

■ 14.8363, 15.3223,
13.2264

141.5132,
147.5922, 144.4107

■ 8.7901, 9.0459,
7.4521

176.0448,
183.7199, 181.1400

■ 4.6605, 4.7711,
3.6637

215.7811,
225.3088, 223.6222

■ 2.0822, 2.1136,
1.4427

261.0875,

■ 0.6795, 0.6723,

272.7433, 272.2758

0.1747

312.3295,
326.4078, 327.5192

■ 0.0000, 0.0000,
0.0000

■ 48.1277, 50.0053,
46.6505

■ 48.1277, 50.0053,
46.6505

■ 44.5188, 45.6163,
36.7260

■ 52.1406, 54.7514,
58.0976

■ 41.2954, 41.5685,
28.2557

■ 56.5669, 59.8570,
71.1254

■ 38.4434, 37.8543,
21.1705

■ 61.4212, 65.3326,
85.7928

■ 35.9461, 34.4633,
15.3945

■ 66.7156, 71.1865,
102.1548

■ 33.7856, 31.3846,
10.8445

■ 69.6898, 76.3178,
105.6655

■ 31.9418, 28.6060,
7.4274

■ 72.2836, 81.5053,
106.5301

■ 30.3921, 26.1145,
5.0367

■ 75.0096, 86.9573,
107.4388

■ 29.1097, 23.8950,
3.5450

■ 76.8362, 90.6104,
108.0476

■ 28.2569, 22.3319,
2.8212

Harmonies

Analogous

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



49.5039, 50.0053, 48.4348



48.1277, 50.0053, 46.6505



46.6192, 50.0053, 46.8713

Triad

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



48.1277, 50.0053, 46.6505



44.8039, 50.0053, 57.1105



49.7439, 50.0053, 60.2208

Complementary

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



48.1277, 50.0053, 46.6505



44.4519, 47.1954, 59.5906

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.



48.4496, 50.0053, 62.7985



48.1277, 50.0053, 46.6505



45.6064, 50.0053, 60.9378

Square

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



48.1277, 50.0053, 46.6505



44.7219, 50.0053, 52.7563



46.9344, 50.0053, 63.0677



50.4502, 50.0053, 56.1740

Rectangle

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



48.1277, 50.0053, 46.6505



45.7412, 50.0053, 48.1279



46.9344, 50.0053, 63.0677



49.3619, 50.0053, 61.2969

Sweetspot

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



48.1291, 50.0075, 46.6516



91.9781, 96.4148, 99.9884



46.6428, 45.2272, 51.7294



19.5664, 20.4950, 21.0540



0.0000, 0.0000, 0.0000



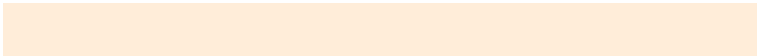
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1291, 50.0075, 46.6516



84.1538, 87.1006, 77.8520



50.3266, 54.7128, 47.4439



11.1020, 11.5731, 11.2115



18.6701, 14.8574, 1.8837



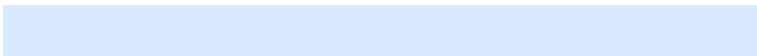
0.9559, 0.8471, 0.1131

Inverse Universe

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



44.4519, 47.1954, 59.5906



76.0922, 80.9358, 106.2194



42.4333, 42.8948, 58.8668



10.4503, 11.0748, 13.5043



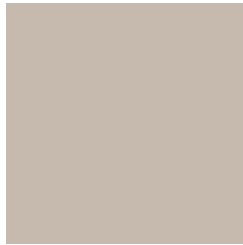
9.1295, 7.6530, 35.7404



0.5045, 0.5068, 1.7164

Previews

White Background



This preview shows how the XYZ color 48.1277, 50.0053, 46.6505 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 48.1277, 50.0053, 46.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

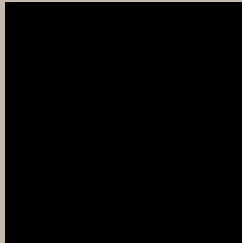
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

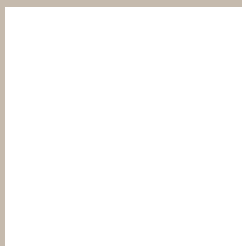
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1277, 50.0053, 46.6505

Background



This preview shows how black text looks on a background with the XYZ color 48.1277, 50.0053, 46.6505.

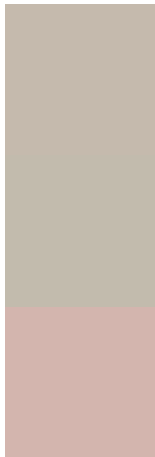


This preview shows how white text looks on a background with the XYZ color 48.1277, 50.0053,

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

48.1277, 50.0053, 46.6505

Protanopia

47.5613, 50.0271, 46.6846

Deuteranopia

51.0278, 49.9526, 46.9968



Tritanopia

50.6254, 49.7665, 59.7610

Trichromacy



Original Color

48.1277, 50.0053, 46.6505

Protanomaly

47.8188, 50.1599, 46.6967

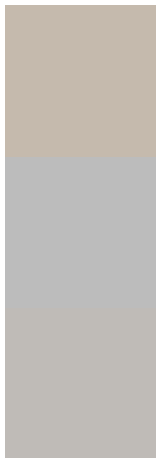
Deuteranomaly

50.0271, 50.0448, 47.0673

Tritanomaly

49.5638, 49.6399, 54.5461

Monochromacy



Original Color

48.1277, 50.0053, 46.6505

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8034, 50.0359, 51.9381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1277, 50.0053, 46.6505 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, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 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(197, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.1277, 50.0053, 46.6505 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, 186, 173) }
```


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

```
.border{ border-color:rgb(197, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1277, 50.0053, 46.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 173) }
```

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

```
.background{ background-color: rgb(197,  
186, 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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