

Converting Colors

XYZ(47.9209, 50.2345, 48.2133)

Have a look what the booklet for
XYZ(47.9209, 50.2345, 48.2133)
contains.

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Color

**XYZ(47.8549, 50.1446,
48.2309)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BBB0
RGB	194, 187, 176
RGB Percent	76%, 73%, 69%
CMY	0.2392, 0.2666, 0.3098
CMYK	0.00, 0.04, 0.09, 0.24
HSL	37°, 13%, 73%
HSV	37°, 9%, 76%
XYZ	47.8549, 50.1446, 48.2309
YIQ	187.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

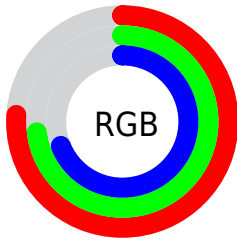
Format	Color
RYB	187, 194, 176
Decimal	12762032
CIELab	76.16, 0.54, 6.43
CIElCh	76, 6.457, 85.219
Yxy	50.1446, 0.3273, 0.3429
Android (android.graphics.Color)	4290952112 (0xFFC2BBB0)
YUV	187.8390, -5.8366, 5.4032
Hunter-Lab	70.8129, -3.2933, 9.1864

Details

The XYZ color **47.8549, 50.1446, 48.2309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5754, 46.9911, 57.7602**, and the grayscale version is **47.7388, 50.2249, 54.6949**.

A 20% lighter version of the original color is **86.3997, 90.4366, 89.2462**, and **22.9784, 24.0809, 22.5058** is the 20% darker color. If you saturate the color by 10%, you get **44.5135, 46.3169, 38.3140**, and if you desaturate by 10%, it is **51.5574, 54.2544, 59.6228**.

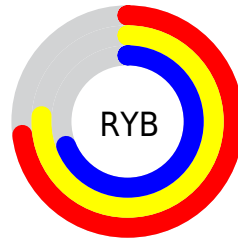
Distribution



Red (76%)

Green (73%)

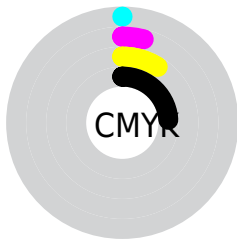
Blue (69%)



Red (73%)

Yellow (76%)

Blue (69%)

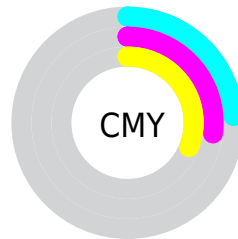


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8549, 50.1446, 48.2309 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 47.8549, 50.1446, 48.2309 by changing the saturation by 10% instead.

■ 47.8549, 50.1446,
48.2309

■ 47.8549, 50.1446,
48.2309

368.8089,
387.2311, 396.2417

■ 33.9228, 35.5283,
33.6485

■ 86.1993, 90.3891,
88.9172

■ 22.9969, 24.0701,
22.3485

111.3423,
116.7861, 115.8582

■ 14.7119, 15.3856,
13.9124

140.9530,
147.8787, 147.7558

■ 8.7024, 9.0905,
7.9217

175.3967,
184.0515, 185.0285

■ 4.6031, 4.8003,
3.9579

215.0388,
225.6887, 228.0949

■ 2.0487, 2.1305,
1.6023

260.2446,

■ 0.6611, 0.6817,

273.1748, 277.3736

0.2924

311.3795,
326.8941, 333.2830

■ 0.0000, 0.0000,
0.0000

■ 47.8549, 50.1446,
48.2309

■ 47.8549, 50.1446,
48.2309

■ 44.5135, 46.3169,
38.3140

■ 51.5574, 54.2544,
59.6228

■ 41.5163, 42.7577,
29.8076

■ 55.6291, 58.6466,
72.5443

■ 38.8509, 39.4614,
22.6468

■ 60.0828, 63.3300,
87.0510

■ 36.5025, 36.4201,
16.7607

■ 64.9295, 68.3108,
103.1949

■ 34.4552, 33.6252,
12.0716

■ 67.1441, 72.3809,
105.0398

■ 32.6913, 31.0672,
8.4934

■ 69.2242, 76.5413,
105.7332

■ 31.1908, 28.7361,
5.9281

■ 71.3955, 80.8838,
106.4569

■ 29.9304, 26.6199,
4.2605

■ 73.6590, 85.4108,
107.2114

■ 28.8699, 24.7003,
3.2862

■ 76.0158, 90.1244,
107.9970

Harmonies

Analogous

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



48.9990, 50.1446, 49.3124



47.8549, 50.1446, 48.2309



46.6775, 50.1446, 48.7959

Triad

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



47.8549, 50.1446, 48.2309



45.5891, 50.1446, 57.4844



49.5955, 50.1446, 58.4846

Complementary

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



47.8549, 50.1446, 48.2309



44.5754, 46.9911, 57.7602

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.



48.6581, 50.1446, 60.8448



47.8549, 50.1446, 48.2309



46.3474, 50.1446, 60.2504

Square

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



47.8549, 50.1446, 48.2309



45.3822, 50.1446, 54.0461



47.4675, 50.1446, 61.5042



50.0147, 50.1446, 55.1556

Rectangle

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



47.8549, 50.1446, 48.2309



46.0302, 50.1446, 50.0433



47.4675, 50.1446, 61.5042



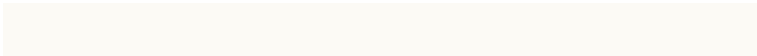
49.3297, 50.1446, 59.4230

Sweetspot

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



47.8563, 50.1468, 48.2320



90.8031, 95.4295, 99.9213



46.3421, 45.9479, 51.3359



19.7641, 20.7643, 21.5088



0.0000, 0.0000, 0.0000



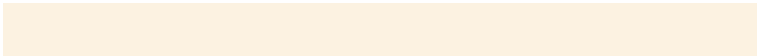
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8563, 50.1468, 48.2320



85.5052, 89.4986, 83.7742



48.9176, 52.9512, 48.7173



10.5741, 11.0797, 10.6431



19.0149, 16.3156, 2.1470



0.8869, 0.8356, 0.1145

Inverse Universe

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



44.5754, 46.9911, 57.7602



78.4380, 82.7013, 104.2986



43.5778, 44.3877, 57.3102



9.8422, 10.3757, 12.7688



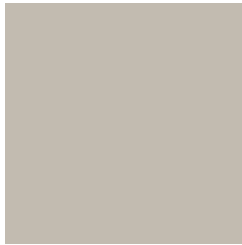
8.1488, 6.0541, 34.2957



0.4191, 0.3955, 1.5041

Previews

White Background



This preview shows how the XYZ color 47.8549, 50.1446, 48.2309 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 47.8549, 50.1446, 48.2309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

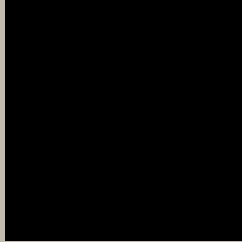
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

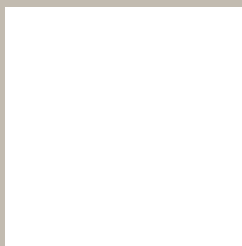
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8549, 50.1446, 48.2309

Background



This preview shows how black text looks on a background with the XYZ color 47.8549, 50.1446, 48.2309.

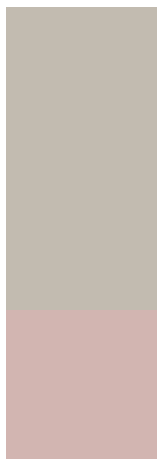


This preview shows how white text looks on a background with the XYZ color 47.8549, 50.1446,

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

47.8549, 50.1446, 48.2309

Protanopia

47.8549, 50.1446, 48.2309

Deuteranopia

51.0380, 49.9237, 48.5412



Tritanopia

50.3595, 50.2285, 60.4669

Trichromacy



Original Color

47.8549, 50.1446, 48.2309

Protanomaly

47.8549, 50.1446, 48.2309

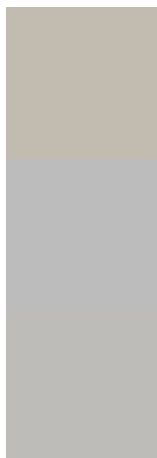
Deuteranomaly

49.7711, 49.8787, 48.5993

Tritanomaly

49.4082, 50.1514, 55.7913

Monochromacy



Original Color

47.8549, 50.1446, 48.2309

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8702, 50.3743, 52.5476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8549, 50.1446, 48.2309 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(194, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 187, 176)  
}
```

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(194, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 187, 176) }
```

Border

The CSS property to change the border of an element to XYZ 47.8549, 50.1446, 48.2309 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(194, 187, 176) }
```


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

```
.border{ border-color:rgb(194, 187, 176) }
```

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

Here you see how a box with a 4 pixel rgb(194, 187, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 187, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 187, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 187,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8549, 50.1446, 48.2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 187, 176) }
```

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

```
.background{ background-color: rgb(194,  
187, 176) }
```

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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