

Converting Colors

XYZ(47.4577, 49.7593, 48.3794)

Have a look what the booklet for
XYZ(47.4577, 49.7593, 48.3794)
contains.

XYZ(47.3877, 49.5899, 48.1485)	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(47.3877, 49.5899,
48.1485)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BAB0
RGB	193, 186, 176
RGB Percent	76%, 73%, 69%
CMY	0.2431, 0.2706, 0.3098
CMYK	0.00, 0.04, 0.09, 0.24
HSL	35°, 12%, 72%
HSV	35°, 9%, 76%
XYZ	47.3877, 49.5899, 48.1485
YIQ	186.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

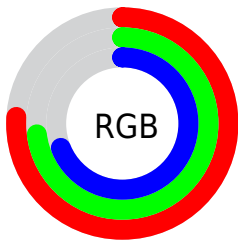
Format	Color
RYB	188, 193, 176
Decimal	12696240
CIELab	75.82, 0.71, 5.93
CIELCh	76, 5.976, 83.180
Yxy	49.5899, 0.3265, 0.3417
Android (android.graphics.Color)	4290886320 (0xFFC1BAB0)
YUV	186.9530, -5.3998, 5.3032
Hunter-Lab	70.4201, -3.1174, 8.7556

Details

The XYZ color **47.3877, 49.5899, 48.1485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4635, 46.9464, 57.1706**, and the grayscale version is **47.2353, 49.6952, 54.1181**.

A 20% lighter version of the original color is **85.3845, 89.4702, 89.1132**, and **22.6731, 23.7193, 22.4521** is the 20% darker color. If you saturate the color by 10%, you get **43.9856, 45.6272, 38.2534**, and if you desaturate by 10%, it is **51.1571, 53.8516, 59.5068**.

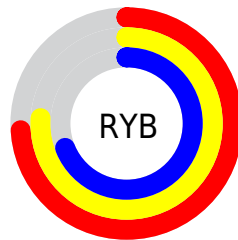
Distribution



Red (76%)

Green (73%)

Blue (69%)



Red (74%)

Yellow (76%)

Blue (69%)

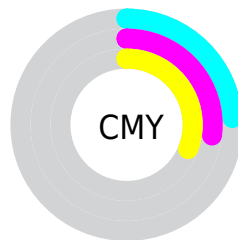


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3877, 49.5899, 48.1485 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 47.3877, 49.5899, 48.1485 by changing the saturation by 10% instead.


 47.3877, 49.5899,
48.1485

 47.3877, 49.5899,
48.1485


366.9831,
385.0600, 395.9061

 33.5515, 35.0877,
33.5837

 85.5073, 89.5670,
88.7933

 22.7105, 23.7304,
22.2992


110.5213,
115.8106, 115.7104

 14.4994, 15.1338,
13.8765


139.9921,
146.7367, 147.5819

 8.5528, 8.9133,
7.8970

174.2848,
182.7299, 184.8266

 4.5054, 4.6847,
3.9423

213.7649,
224.1744, 227.8627

 1.9919, 2.0635,
1.5937

258.7978,

 0.6294, 0.6440,

271.4546, 277.1090

0.2864

309.7487,
324.9551, 332.9840

■ 0.0000, 0.0000,
0.0000

■ 47.3877, 49.5899,
48.1485

■ 47.3877, 49.5899,
48.1485

■ 43.9856, 45.6272,
38.2534

■ 51.1571, 53.8516,
59.5068

■ 40.9338, 41.9495,
29.7577

■ 55.3019, 58.4130,
72.3820

■ 38.2200, 38.5509,
22.5977

■ 59.8351, 63.2833,
86.8291

■ 35.8294, 35.4231,
16.7035

■ 64.7676, 68.4689,
102.8993

■ 33.7459, 32.5570,
11.9986

■ 67.1624, 72.7974,
105.1192

■ 31.9520, 29.9430,
8.3984

■ 69.3690, 77.2106,
105.8547

■ 30.4277, 27.5704,
5.8067

■ 71.6770, 81.8264,
106.6240

■ 29.1500, 25.4270,
4.1105

■ 74.0875, 86.6475,
107.4276

■ 28.0813, 23.4949,
3.1210

■ 75.8025, 90.0776,
107.9992

Harmonies

Analogous

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



48.4248, 49.5899, 49.2466



47.3877, 49.5899, 48.1485



46.2983, 49.5899, 48.5669

Triad

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



47.3877, 49.5899, 48.1485



45.1982, 49.5899, 56.4377



48.8636, 49.5899, 57.7429

Complementary

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



47.3877, 49.5899, 48.1485



44.4635, 46.9464, 57.1706

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.



47.9791, 49.5899, 59.8131



47.3877, 49.5899, 48.1485



45.8657, 49.5899, 59.0391

Square

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



47.3877, 49.5899, 48.1485



45.0455, 49.5899, 53.2721



46.8806, 49.5899, 60.2965



49.2855, 49.5899, 54.7243

Rectangle

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



47.3877, 49.5899, 48.1485



45.6878, 49.5899, 49.6579



46.8806, 49.5899, 60.2965



48.6098, 49.5899, 58.5775

Sweetspot

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



47.3891, 49.5921, 48.1496



88.6803, 93.1488, 97.6277



46.0742, 45.8112, 51.2599



18.9071, 19.8505, 20.5891



92.9021, 97.7402, 106.4391



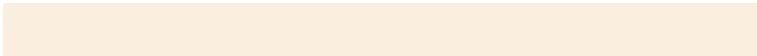
19.4759, 20.4902, 22.3138

Same Dimension

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



47.3891, 49.5921, 48.1496



83.3743, 87.0931, 81.8128



48.5398, 52.4272, 48.6361



10.5547, 11.0407, 10.6367



18.6780, 15.6418, 2.0347



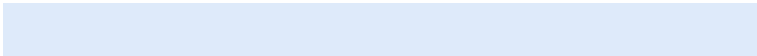
0.8736, 0.8089, 0.1101

Inverse Universe

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



44.4635, 46.9464, 57.1706



76.8341, 81.1789, 101.9798



43.3782, 44.2978, 56.7166



9.8611, 10.4136, 12.7751



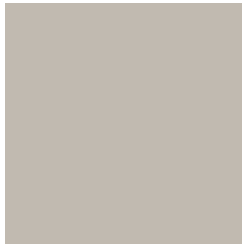
8.3571, 6.4706, 34.3651



0.4289, 0.4152, 1.5074

Previews

White Background



This preview shows how the XYZ color 47.3877, 49.5899, 48.1485 looks on a white background.

Color Contrast Check

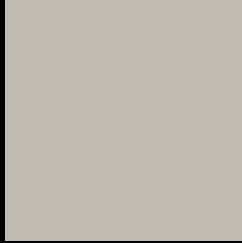
Large Text (above 18pt) WCAG AA × Fail

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 47.3877, 49.5899, 48.1485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

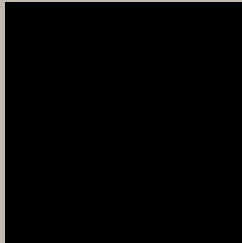
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3877, 49.5899, 48.1485

Background



This preview shows how black text looks on a background with the XYZ color 47.3877, 49.5899, 48.1485.

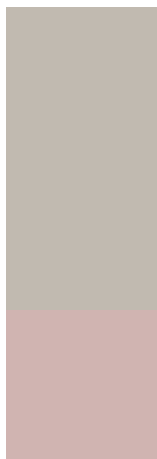


This preview shows how white text looks on a background with the XYZ color 47.3877, 49.5899,

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

47.3877, 49.5899, 48.1485

Protanopia

47.3877, 49.5899, 48.1485

Deuteranopia

50.2695, 49.2267, 48.4472



Tritanopia

49.7765, 49.6340, 59.7801

Trichromacy



Original Color

47.3877, 49.5899, 48.1485

Protanomaly

47.3877, 49.5899, 48.1485

Deuteranomaly

49.2924, 49.3267, 48.5180

Tritanomaly

48.8315, 49.5572, 55.1359

Monochromacy



Original Color

47.3877, 49.5899, 48.1485

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3038, 49.7784, 51.9148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3877, 49.5899, 48.1485 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(193, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 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(193, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 176) }
```

Border

The CSS property to change the border of an element to XYZ 47.3877, 49.5899, 48.1485 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(193, 186, 176) }
```


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

```
.border{ border-color:rgb(193, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3877, 49.5899, 48.1485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 176) }
```

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

```
.background{ background-color: rgb(193,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor