

Converting Colors

XYZ(48.1805, 49.7208, 46.5929)

Have a look what the booklet for
XYZ(48.1805, 49.7208, 46.5929)
contains.

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Color

**XYZ(48.1805, 49.7208,
46.5929)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B9AD
RGB	198, 185, 173
RGB Percent	78%, 73%, 68%
CMY	0.2235, 0.2745, 0.3216
CMYK	0.00, 0.07, 0.13, 0.22
HSL	29°, 18%, 73%
HSV	29°, 13%, 78%
XYZ	48.1805, 49.7208, 46.5929
YIQ	187.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

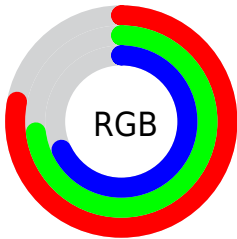
Format	Color
RYB	198, 196, 173
Decimal	13023661
CIELab	75.90, 2.56, 7.73
CIELCh	76, 8.144, 71.676
Yxy	49.7208, 0.3334, 0.3441
Android (android.graphics.Color)	4291213741 (0xFFC6B9AD)
YUV	187.5190, -7.1579, 9.1918
Hunter-Lab	70.5130, -1.4312, 10.1820

Details

The XYZ color **48.1805, 49.7208, 46.5929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9854, 48.0784, 60.3357**, and the grayscale version is **47.5630, 50.0400, 54.4936**.

A 20% lighter version of the original color is **86.6989, 89.7720, 86.1570**, and **23.2041, 23.8123, 21.4624** is the 20% darker color. If you saturate the color by 10%, you get **44.3292, 44.8602, 36.5468**, and if you desaturate by 10%, it is **52.4744, 55.0112, 58.1886**.

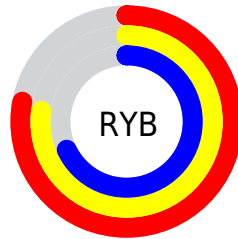
Distribution



Red (78%)

Green (73%)

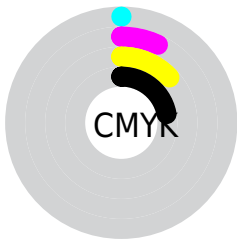
Blue (68%)



Red (78%)

Yellow (77%)

Blue (68%)

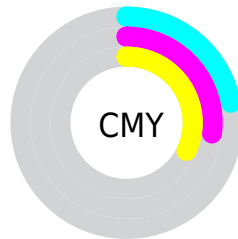


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1805, 49.7208, 46.5929 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 48.1805, 49.7208, 46.5929 by changing the saturation by 10% instead.

■ 48.1805, 49.7208,
46.5929

■ 48.1805, 49.7208,
46.5929

370.0778,
385.5731, 389.5338

■ 34.1817, 35.1916,
32.3619

■ 86.6812, 89.7611,
86.4492

■ 23.1968, 23.8105,
21.3710

111.9137,
116.0409, 112.9117

■ 14.8604, 15.1931,
13.2016

141.6216,
147.0065, 144.2883

■ 8.8071, 8.9550,
7.4351

176.1701,
183.0421, 180.9977

■ 4.6717, 4.7119,
3.6531

215.9246,
224.5321, 223.4584

■ 2.0887, 2.0792,
1.4371

261.2505,

■ 0.6831, 0.6529,

271.8611, 272.0890

0.1704

312.5131,
325.4133, 327.3079

■ 0.0000, 0.0000,
0.0000

■ 48.1805, 49.7208,
46.5929

■ 48.1805, 49.7208,
46.5929

■ 44.3292, 44.8602,
36.5468

■ 52.4744, 55.0112,
58.1886

■ 40.9008, 40.4114,
27.9804

■ 57.2217, 60.7358,
71.3933

■ 37.8798, 36.3643,
20.8234

■ 62.4378, 66.9074,
86.2671

■ 35.2482, 32.7061,
14.9981

■ 68.1363, 73.5363,
102.8660

■ 32.9865, 29.4233,
10.4194

■ 71.4701, 79.4882,
106.1836

■ 31.0730, 26.5011,
6.9923

■ 74.5275, 85.6031,
107.2028

■ 29.4833, 23.9234,
4.6076

■ 77.0989, 90.7459,
108.0599

■ 28.1888, 21.6721,
3.1346

■ 27.3874, 20.2027,
2.4560

Harmonies

Analogous

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



49.4690, 49.7208, 48.7741



48.1805, 49.7208, 46.5929



46.6706, 49.7208, 46.3666

Triad

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



48.1805, 49.7208, 46.5929



44.4606, 49.7208, 55.8447



49.2230, 49.7208, 60.6154

Complementary

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



48.1805, 49.7208, 46.5929



44.9854, 48.0784, 60.3357

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.



47.8505, 49.7208, 62.7315



48.1805, 49.7208, 46.5929



45.1141, 49.7208, 59.8803

Square

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



48.1805, 49.7208, 46.5929



44.5446, 49.7208, 51.5551



46.3476, 49.7208, 62.4555



50.0797, 49.7208, 56.8047

Rectangle

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



48.1805, 49.7208, 46.5929



45.7439, 49.7208, 47.3391



46.3476, 49.7208, 62.4555



48.8054, 49.7208, 61.5575

Sweetspot

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



48.1819, 49.7230, 46.5940



91.7826, 96.0237, 99.9232



47.1313, 45.4530, 52.9302



19.5169, 20.3960, 21.0375



0.0000, 0.0000, 0.0000



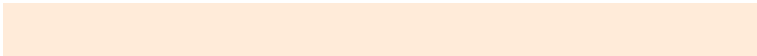
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1819, 49.7230, 46.5940



83.4733, 85.7396, 77.6252



50.8362, 55.0317, 47.4787



11.0470, 11.4632, 11.1931



17.8952, 13.3077, 1.6255



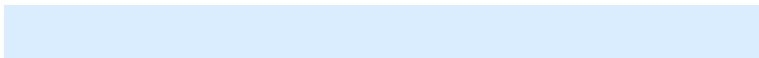
0.9198, 0.7750, 0.1011

Inverse Universe

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



44.9854, 48.0784, 60.3357



76.7695, 82.2904, 106.4452



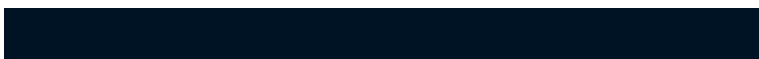
42.5312, 43.1700, 59.5176



10.5052, 11.1844, 13.5226



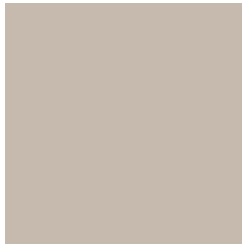
9.8648, 9.1234, 35.9854



0.5393, 0.5765, 1.7280

Previews

White Background



This preview shows how the XYZ color 48.1805, 49.7208, 46.5929 looks on a white background.

Color Contrast Check

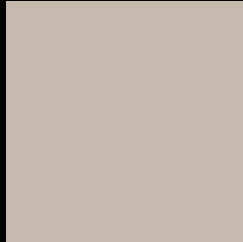
Large Text (above 18pt) WCAG AA × Fail

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 48.1805, 49.7208, 46.5929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

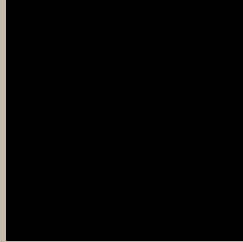
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1805, 49.7208, 46.5929

Background



This preview shows how black text looks on a background with the XYZ color 48.1805, 49.7208, 46.5929.

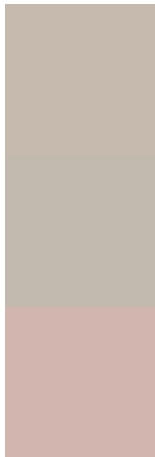


This preview shows how white text looks on a background with the XYZ color 48.1805, 49.7208,

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

48.1805, 49.7208, 46.5929

Protanopia

47.4470, 49.6431, 47.1258

Deuteranopia

50.7422, 49.8054, 46.9834



Tritanopia

50.7791, 49.8589, 59.1719

Trichromacy



Original Color

48.1805, 49.7208, 46.5929

Protanomaly

47.7046, 49.7759, 47.1378

Deuteranomaly

49.8215, 49.6337, 46.9988

Tritanomaly

49.8300, 49.7772, 54.5586

Monochromacy



Original Color

48.1805, 49.7208, 46.5929

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0558, 50.1660, 51.9499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1805, 49.7208, 46.5929 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(198, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 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(198, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.1805, 49.7208, 46.5929 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(198, 185, 173) }
```


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

```
.border{ border-color:rgb(198, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1805, 49.7208, 46.5929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 173) }
```

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

```
.background{ background-color: rgb(198,  
185, 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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