

Converting Colors

XYZ(46.1808, 48.9086, 52.8892)

Have a look what the booklet for
XYZ(46.1808, 48.9086, 52.8892)
contains.

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Color

**XYZ(46.0830, 48.8109,
52.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BAB9
RGB	184, 186, 185
RGB Percent	72%, 73%, 73%
CMY	0.2784, 0.2706, 0.2745
CMYK	0.01, 0.00, 0.01, 0.27
HSL	150°, 1%, 73%
HSV	150°, 1%, 73%
XYZ	46.0830, 48.8109, 52.8916
YIQ	185.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

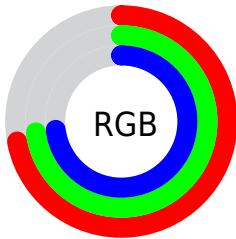
Format	Color
RYB	184, 185, 186
Decimal	12106425
CIELab	75.33, -0.88, 0.25
CIElCh	75, 0.915, 163.989
Yxy	48.8109, 0.3118, 0.3303
Android (android.graphics.Color)	4290296505 (0xFFB8BAB9)
YUV	185.2880, -0.1420, -1.1296
Hunter-Lab	69.8648, -4.5243, 4.0195

Details

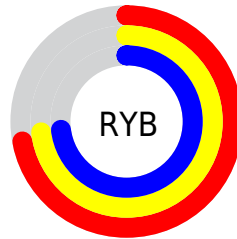
The XYZ color **46.0830, 48.8109, 52.8916** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1489, 48.2241, 52.7771**, and the grayscale version is **46.2767, 48.6866, 53.0198**.

A 20% lighter version of the original color is **83.5645, 88.3804, 95.8739**, and **21.9125, 23.2663, 25.1657** is the 20% darker color. If you saturate the color by 10%, you get **40.9660, 46.2843, 47.6875**, and if you desaturate by 10%, it is **51.8530, 51.6695, 58.4645**.

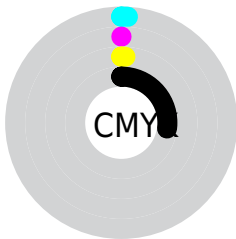
Distribution



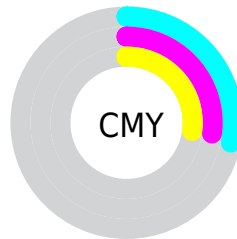
- Red (72%)
- Green (73%)
- Blue (73%)



- Red (72%)
- Yellow (73%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0830, 48.8109, 52.8916 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 46.0830, 48.8109, 52.8916 by changing the saturation by 10% instead.

■ 46.0830, 48.8109,
52.8916

■ 46.0830, 48.8109,
52.8916

361.8526,
381.9974, 414.9236

■ 32.5162, 34.4695,
37.3291

■ 83.5703, 88.4105,
95.8848

■ 21.9136, 23.2545,
25.1646

108.2215,
114.4376, 124.1525

■ 13.9096, 14.7816,
15.9796

137.2983,
145.1286, 157.4925

■ 8.1391, 8.6662,
9.3555

171.1660,
180.8680, 196.3231

■ 4.2367, 4.5241,
4.8738

210.1899,
222.0402, 241.0630

■ 1.8369, 1.9709,
2.1160

254.7354,

■ 0.5397, 0.5905,

269.0295, 292.1307

0.6253

305.1678,
322.2205, 349.9447

■ 0.0000, 0.0000,
0.0000

■ 46.0830, 48.8109,
52.8916

■ 46.0830, 48.8109,
52.8916

■ 40.9660, 46.2843,
47.6875

■ 51.8530, 51.6695,
58.4645

■ 36.4741, 44.0712,
42.8415

■ 58.2946, 54.8653,
64.4102

■ 32.5832, 42.1608,
38.3469

■ 65.4306, 58.4114,
70.7370

■ 29.2660, 40.5392,
34.1956

■ 72.0186, 61.6672,
77.3924

■ 26.4933, 39.1914,
30.3792

■ 73.3037, 62.1812,
84.1598

■ 24.2328, 38.1010,
26.8891

■ 74.6589, 62.7233,
91.2962

■ 22.4490, 37.2498,
23.7159

■ 76.0853, 63.2938,
98.8071

■ 21.1014, 36.6171,
20.8501

■ 76.8498, 63.5997,
102.8333

■ 20.1419, 36.1784,
18.2810

Harmonies

Analogous

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



46.1690, 48.8109, 52.4829



46.0830, 48.8109, 52.8916



46.0801, 48.8109, 53.3711

Triad

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



46.0830, 48.8109, 52.8916



46.4715, 48.8109, 54.0510



46.6265, 48.8109, 52.5058

Complementary

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



46.0830, 48.8109, 52.8916



46.1489, 48.2241, 52.7771

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.



46.7080, 48.8109, 52.9231



46.0830, 48.8109, 52.8916



46.6184, 48.8109, 53.8162

Square

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



46.0830, 48.8109, 52.8916



46.3041, 48.8109, 54.0424



46.7050, 48.8109, 53.4028



46.4826, 48.8109, 52.2611

Rectangle

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



46.0830, 48.8109, 52.8916



46.1255, 48.8109, 53.6665



46.7050, 48.8109, 53.4028



46.6621, 48.8109, 52.6305

Sweetspot

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



46.0844, 48.8130, 52.8927



84.5950, 89.0005, 96.9216



46.2280, 48.8992, 52.3501



18.6292, 19.5994, 21.3438



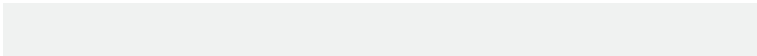
90.7827, 95.5105, 104.0109

Same Dimension

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



46.0844, 48.8130, 52.8927



83.5860, 88.5014, 95.9252



46.1871, 48.8541, 53.4337



10.0157, 10.5991, 11.4926



13.1764, 24.1715, 11.1167



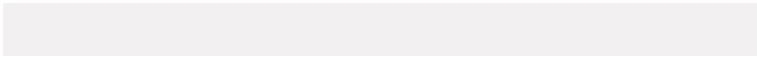
0.4957, 0.8646, 0.5564

Inverse Universe

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



46.1489, 48.2241, 52.7771



83.6964, 87.4935, 95.7274



46.0469, 48.1833, 52.2398



10.0278, 10.4883, 11.4709



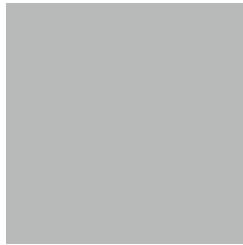
14.9943, 7.5715, 7.8566



0.5598, 0.2794, 0.4415

Previews

White Background



This preview shows how the XYZ color 46.0830, 48.8109, 52.8916 looks on a white background.

Color Contrast Check

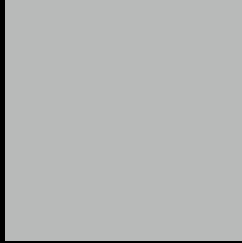
Large Text (above 18pt) WCAG AA × Fail

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 46.0830, 48.8109, 52.8916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

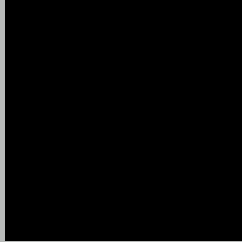
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0830, 48.8109, 52.8916

Background



This preview shows how black text looks on a background with the XYZ color 46.0830, 48.8109, 52.8916.

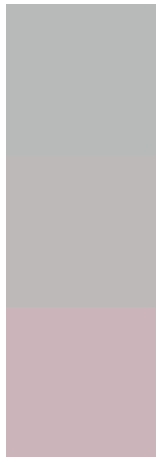


This preview shows how white text looks on a background with the XYZ color 46.0830, 48.8109,

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

46.0830, 48.8109, 52.8916

Protanopia

46.9870, 48.9774, 52.3245

Deuteranopia

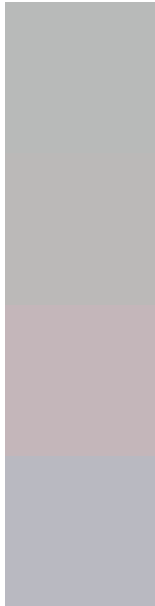
49.8128, 48.8842, 53.2646



Tritanopia

47.5832, 48.7973, 60.3370

Trichromacy



Original Color

46.0830, 48.8109, 52.8916

Protanomaly

46.4942, 48.7234, 52.3015

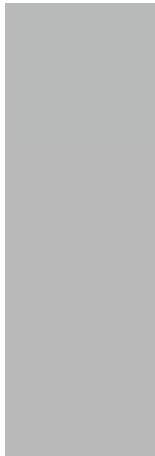
Deuteranomaly

48.3558, 48.7368, 53.3129

Tritanomaly

46.9822, 48.8625, 57.4072

Monochromacy



Original Color

46.0830, 48.8109, 52.8916

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0830, 48.8109, 52.8916 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(184, 186, 185) looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 185)  
}
```

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(184, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 46.0830, 48.8109, 52.8916 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(184, 186, 185) }
```

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

```
.border{ border-color:rgb(184, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
185) }
```


Background

The CSS property to change the background color of an element to XYZ 46.0830, 48.8109, 52.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 185) }
```

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

```
.background{ background-color: rgb(184,  
186, 185) }
```

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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