

Converting Colors

XYZ(47.1235, 48.9492, 38.5235)

Have a look what the booklet for
XYZ(47.1235, 48.9492, 38.5235)
contains.

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Color

**XYZ(47.2286, 49.0988,
38.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B89C
RGB	201, 184, 156
RGB Percent	79%, 72%, 61%
CMY	0.2118, 0.2784, 0.3882
CMYK	0.00, 0.08, 0.22, 0.21
HSL	37°, 29%, 70%
HSV	37°, 22%, 79%
XYZ	47.2286, 49.0988, 38.4403
YIQ	185.8910, 19.1200, -5.1040

Conversions

Conversions Part 2

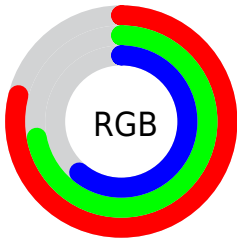
Format	Color
R_{YB}	183, 201, 156
Decimal	13219996
CIE _{Lab}	75.51, 1.58, 16.43
CIE _{LCh}	76, 16.503, 84.519
Yxy	49.0988, 0.3504, 0.3643
Android (android.graphics.Color)	4291410076 (0xFFC9B89C)
YUV	185.8910, -14.7363, 13.2506
Hunter-Lab	70.0705, -2.3117, 16.5232

Details

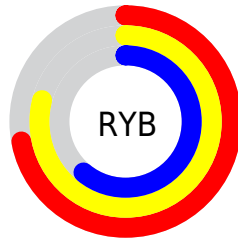
The XYZ color **47.2286, 49.0988, 38.4403** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1962, 41.1710, 61.1394**, and the grayscale version is **46.6846, 49.1158, 53.4871**.

A 20% lighter version of the original color is **84.1580, 88.2833, 74.2328**, and **22.6987, 23.4556, 16.6956** is the 20% darker color. If you saturate the color by 10%, you get **44.1310, 45.4055, 29.6941**, and if you desaturate by 10%, it is **50.6951, 53.0785, 48.7002**.

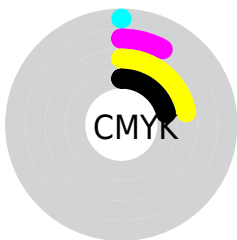
Distribution



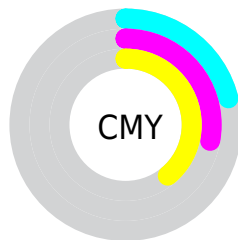
- Red (79%)
- Green (72%)
- Blue (61%)



- Red (72%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2286, 49.0988, 38.4403 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 47.2286, 49.0988, 38.4403 by changing the saturation by 10% instead.


 47.2286, 49.0988,
38.4403


 47.2286, 49.0988,
38.4403

366.3600,
383.1311, 354.8596

 33.4251, 34.6979,
26.0201

 85.2714, 88.8382,
73.9934

 22.6131, 23.4302,
16.6128


 110.2415,
114.9454, 97.9634

 14.4272, 14.9115,
9.7998


139.6644,
145.7235, 126.6204

 8.5021, 8.7573,
5.1625

173.9056,
181.5569, 160.3830

 4.4723, 4.5832,
2.2825

213.3304,
222.8300, 199.6696

 1.9727, 2.0049,
0.7214

258.3041,

 0.6185, 0.6103,

269.9271, 244.8989

0.0000

309.1922,
323.2327, 296.4894

0.0000, 0.0000,
0.0000

47.2286, 49.0988,
38.4403

47.2286, 49.0988,
38.4403

44.1310, 45.4055,
29.6941

50.6951, 53.0785,
48.7002

41.3833, 41.9838,
22.3851

54.5409, 57.3456,
60.5391

38.9703, 38.8272,
16.4348

58.7805, 61.9098,
74.0221

36.8744, 35.9263,
11.7560

63.4267, 66.7780,
89.2097

35.0755, 33.2709,
8.2510

68.2486, 71.8599,
104.8810

■ 33.5510, 30.8496,
5.8078

■ 70.3101, 75.9829,
105.5682

■ 32.2741, 28.6494,
4.2921

■ 72.4636, 80.2897,
106.2860

■ 31.4320, 27.1067,
3.5755

■ 74.7101, 84.7828,
107.0348

■ 77.0508, 89.4642,
107.8150

Harmonies

Analogous

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



50.1499, 49.0988, 40.9307



47.2286, 49.0988, 38.4403



44.2781, 49.0988, 39.6044

Triad

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



47.2286, 49.0988, 38.4403



41.5381, 49.0988, 60.7284



51.6009, 49.0988, 63.7999

Complementary

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



47.2286, 49.0988, 38.4403



39.1962, 41.1710, 61.1394

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.



49.1402, 49.0988, 70.2208



47.2286, 49.0988, 38.4403



43.3491, 49.0988, 68.3167

Square

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



47.2286, 49.0988, 38.4403



41.0759, 49.0988, 51.8740



46.1097, 49.0988, 71.9573



52.7436, 49.0988, 55.0785

Rectangle

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



47.2286, 49.0988, 38.4403



42.6794, 49.0988, 42.3694



46.1097, 49.0988, 71.9573



50.8954, 49.0988, 66.3351

Sweetspot

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



47.2299, 49.1010, 38.4413



90.1949, 94.6770, 93.7564



43.5433, 39.2218, 44.9382



19.2192, 20.1691, 19.8023



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.



47.2299, 49.1010, 38.4413



78.1373, 80.8484, 58.0250



49.5876, 55.8761, 39.6248



11.1744, 11.7179, 11.2356



19.8538, 17.2247, 2.2783



1.0082, 0.9518, 0.1306

Inverse Universe

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



39.1962, 41.1710, 61.1394



61.9180, 64.8415, 103.8600



37.1800, 35.5977, 60.1699



10.3795, 10.9330, 13.4807



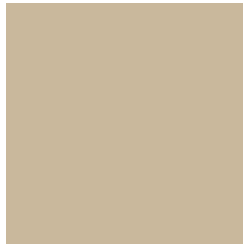
8.3318, 6.0574, 35.4744



0.4641, 0.4259, 1.7029

Previews

White Background



This preview shows how the XYZ color 47.2286, 49.0988, 38.4403 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 47.2286, 49.0988, 38.4403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

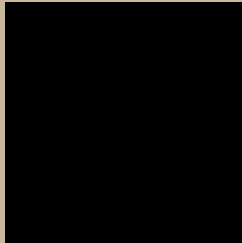
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2286, 49.0988, 38.4403

Background



This preview shows how black text looks on a background with the XYZ color 47.2286, 49.0988, 38.4403.



This preview shows how white text looks on a background with the XYZ color 47.2286, 49.0988,

38.4403.

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

47.2286, 49.0988, 38.4403

Protanopia

46.4097, 49.2879, 38.9658

Deuteranopia

49.9375, 48.9707, 38.7186



Tritanopia

51.1993, 49.2123, 57.2525

Trichromacy



Original Color

47.2286, 49.0988, 38.4403

Protanomaly

46.7235, 49.1380, 38.9203

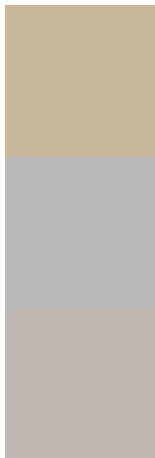
Deuteranomaly

48.9042, 49.0374, 38.7859

Tritanomaly

49.6639, 49.1804, 50.0552

Monochromacy



Original Color

47.2286, 49.0988, 38.4403

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5727, 48.8694, 47.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2286, 49.0988, 38.4403 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(201, 184, 156) looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 156)  
}
```

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(201, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 156) }
```

Border

The CSS property to change the border of an element to XYZ 47.2286, 49.0988, 38.4403 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(201, 184, 156) }
```


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

```
.border{ border-color:rgb(201, 184, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2286, 49.0988, 38.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 156) }
```

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

```
.background{ background-color: rgb(201,  
184, 156) }
```

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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