

Converting Colors

XYZ(46.3476, 48.6291, 39.2973)

Have a look what the booklet for
XYZ(46.3476, 48.6291, 39.2973)
contains.

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Color

**XYZ(46.3380, 48.6199,
39.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B89E
RGB	197, 184, 158
RGB Percent	77%, 72%, 62%
CMY	0.2274, 0.2784, 0.3804
CMYK	0.00, 0.07, 0.20, 0.23
HSL	40°, 25%, 70%
HSV	40°, 20%, 77%
XYZ	46.3380, 48.6199, 39.2901
YIQ	184.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

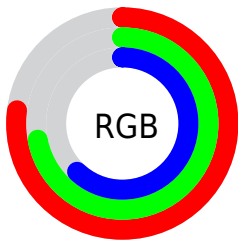
Format	Color
RYB	178, 197, 158
Decimal	12957854
CIELab	75.21, 0.36, 14.88
CIELCh	75, 14.883, 88.623
Yxy	48.6199, 0.3452, 0.3622
Android (android.graphics.Color)	4291147934 (0xFFC5B89E)
YUV	184.9230, -13.2730, 10.5915
Hunter-Lab	69.7280, -3.4011, 15.4010

Details

The XYZ color **46.3380, 48.6199, 39.2901** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7414, 40.4253, 58.5846**, and the grayscale version is **46.1375, 48.5403, 52.8604**.

A 20% lighter version of the original color is **84.0434, 88.1951, 75.5446**, and **22.0978, 23.1338, 17.2105** is the 20% darker color. If you saturate the color by 10%, you get **43.4446, 45.3326, 30.6197**, and if you desaturate by 10%, it is **49.5691, 52.1469, 49.4154**.

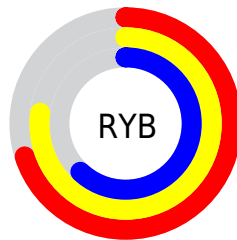
Distribution



Red (77%)

Green (72%)

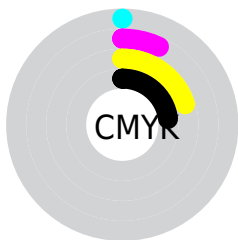
Blue (62%)



Red (70%)

Yellow (77%)

Blue (62%)

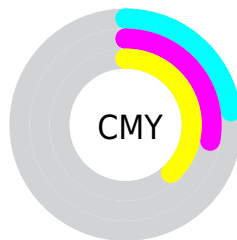


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (28%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3380, 48.6199, 39.2901 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 46.3380, 48.6199, 39.2901 by changing the saturation by 10% instead.


 46.3380, 48.6199,
39.2901

 46.3380, 48.6199,
39.2901


362.8591,
381.2440, 358.5850

 32.7184, 34.3181,
26.6759


 83.9494, 88.1267,
75.3065

 22.0690, 23.1380,
17.0997


 108.6719,
114.1004, 99.5458

 14.0245, 14.6955,
10.1429


137.8260,
144.7335, 128.4972

 8.2195, 8.6059,
5.3870

171.7772,
180.4104, 162.5793

 4.2887, 4.4851,
2.4134

210.8907,
221.5155, 202.2106

 1.8667, 1.9484,
0.7937

255.5319,

 0.5574, 0.5772,

268.4332, 247.8096

0.0000

306.0663,
321.5479, 299.7949

■ 0.0000, 0.0000,
0.0000

■ 46.3380, 48.6199,
39.2901

■ 46.3380, 48.6199,
39.2901

■ 43.4446, 45.3326,
30.6197

■ 49.5691, 52.1469,
49.4154

■ 40.8714, 42.2716,
23.3326

■ 53.1470, 55.9135,
61.0562

■ 38.6047, 39.4317,
17.3561

■ 57.0851, 59.9282,
74.2736

■ 36.6283, 36.8051,
12.6092

■ 61.3949, 64.1967,
89.1244

■ 34.9244, 34.3831,
9.0021

■ 65.8447, 68.6276,
104.3838

■ 33.4727, 32.1562,
6.4324

■ 67.5689, 72.0759,
104.9585

■ 32.2492, 30.1132,
4.7793

■ 69.3611, 75.6604,
105.5559

■ 31.2102, 28.2352,
3.8165

■ 71.2221, 79.3824,
106.1763

■ 31.1900, 28.1982,
3.7989

■ 73.1527, 83.2435,
106.8198

Harmonies

Analogous

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



48.9984, 48.6199, 41.1159



46.3380, 48.6199, 39.2901



43.7431, 48.6199, 40.8114

Triad

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



46.3380, 48.6199, 39.2901



41.7565, 48.6199, 60.4700



50.8386, 48.6199, 61.1563

Complementary

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



46.3380, 48.6199, 39.2901



38.7414, 40.4253, 58.5846

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.



48.7716, 48.6199, 67.2581



46.3380, 48.6199, 39.2901



43.5328, 48.6199, 66.8353

Square

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



46.3380, 48.6199, 39.2901



41.1614, 48.6199, 52.5784



46.0857, 48.6199, 69.4306



51.6592, 48.6199, 53.3009

Rectangle

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



46.3380, 48.6199, 39.2901



42.3846, 48.6199, 43.6125



46.0857, 48.6199, 69.4306



50.2626, 48.6199, 63.5081

Sweetspot

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



46.3393, 48.6221, 39.2911



91.0787, 95.8435, 95.9039



42.6040, 39.2650, 43.8621



19.4051, 20.4197, 20.2379



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.



46.3393, 48.6221, 39.2911



80.5509, 84.3375, 62.9545



47.4986, 53.4132, 40.1548



11.2146, 11.7984, 11.2490



20.5944, 18.7059, 2.5252



1.0397, 1.0149, 0.1411

Inverse Universe

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



38.7414, 40.4253, 58.5846



64.3425, 66.8541, 104.1207



37.7188, 36.4315, 57.8676



10.3406, 10.8554, 13.4678



7.9659, 5.3257, 35.3525



0.4441, 0.3860, 1.6962

Previews

White Background



This preview shows how the XYZ color 46.3380, 48.6199, 39.2901 looks on a white background.

Color Contrast Check

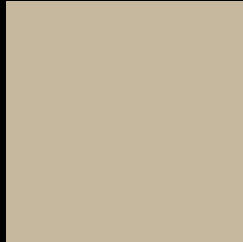
Large Text (above 18pt) WCAG AA × Fail

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 46.3380, 48.6199, 39.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

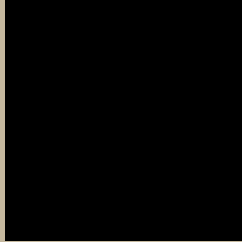
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3380, 48.6199, 39.2901

Background



This preview shows how black text looks on a background with the XYZ color 46.3380, 48.6199, 39.2901.



This preview shows how white text looks on a background with the XYZ color 46.3380, 48.6199,

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

46.3380, 48.6199, 39.2901

Protanopia

46.0262, 48.7686, 39.3352

Deuteranopia

49.3298, 48.3410, 39.5317



Tritanopia

50.1029, 48.6470, 57.2012

Trichromacy



Original Color

46.3380, 48.6199, 39.2901

Protanomaly

46.2855, 48.9023, 39.3473

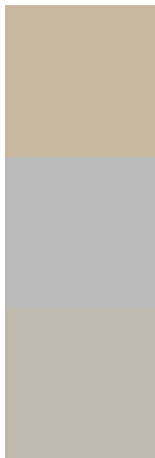
Deuteranomaly

48.3114, 48.4111, 39.5989

Tritanomaly

48.5815, 48.6224, 50.0046

Monochromacy



Original Color

46.3380, 48.6199, 39.2901

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.0731, 48.6119, 47.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3380, 48.6199, 39.2901 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(197, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 158)  
}
```

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(197, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 158) }
```

Border

The CSS property to change the border of an element to XYZ 46.3380, 48.6199, 39.2901 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(197, 184, 158) }
```


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

```
.border{ border-color:rgb(197, 184, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3380, 48.6199, 39.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 158) }
```

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

```
.background{ background-color: rgb(197,  
184, 158) }
```

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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