

Converting Colors

XYZ(48.2948, 50.2036, 36.9379)

Have a look what the booklet for
XYZ(48.2948, 50.2036, 36.9379)
contains.

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Color

**XYZ(48.4032, 50.3639,
36.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBA98
RGB	205, 186, 152
RGB Percent	80%, 73%, 60%
CMY	0.1961, 0.2706, 0.4039
CMYK	0.00, 0.09, 0.26, 0.20
HSL	38°, 35%, 70%
HSV	38°, 26%, 80%
XYZ	48.4032, 50.3639, 36.8759
YIQ	187.8050, 22.2380, -6.5460

Conversions

Conversions Part 2

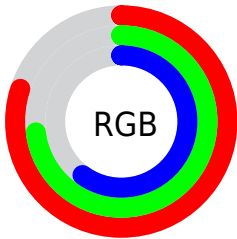
Format	Color
RYB	182, 205, 152
Decimal	13482648
CIELab	76.29, 1.47, 19.72
CIELCh	76, 19.770, 85.726
Yxy	50.3639, 0.3568, 0.3713
Android (android.graphics.Color)	4291672728 (0xFFCDBA98)
YUV	187.8050, -17.6519, 15.0800
Hunter-Lab	70.9675, -2.4478, 18.8692

Details

The XYZ color **48.4032, 50.3639, 36.8759** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5310, 40.2080, 63.4879**, and the grayscale version is **47.7785, 50.2667, 54.7404**.

A 20% lighter version of the original color is **84.1327, 89.2205, 71.1795**, and **23.3142, 24.1987, 15.7539** is the 20% darker color. If you saturate the color by 10%, you get **45.3593, 46.7347, 28.2814**, and if you desaturate by 10%, it is **51.8196, 54.2730, 47.0274**.

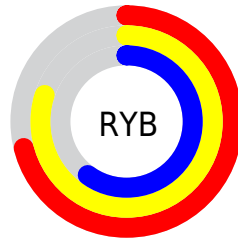
Distribution



Red (80%)

Green (73%)

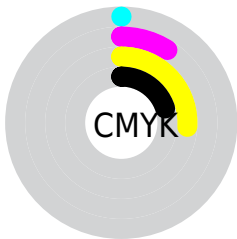
Blue (60%)



Red (71%)

Yellow (80%)

Blue (60%)

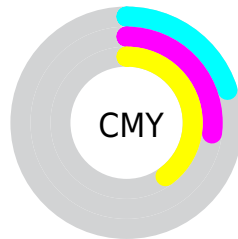


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4032, 50.3639, 36.8759 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 48.4032, 50.3639, 36.8759 by changing the saturation by 10% instead.

■ 48.4032, 50.3639,
36.8759

■ 48.4032, 50.3639,
36.8759

370.9441,
388.0873, 347.9254

■ 34.3589, 35.7026,
24.8164

■ 87.0105, 90.7138,
71.5661

■ 23.3336, 24.2046,
15.7225

■ 112.3042,
117.1712, 95.0338

■ 14.9621, 15.4855,
9.1758

142.0784,
148.3295, 123.1414

■ 8.8789, 9.1608,
4.7577

176.6984,
184.5730, 156.3073

■ 4.7188, 4.8462,
2.0495

216.5296,
226.2862, 194.9501

■ 2.1163, 2.1573,
0.5855

261.9374,

■ 0.6980, 0.6966,

273.8533, 239.4884

0.0000

313.2871,
327.6589, 290.3406

■ 0.0000, 0.0000,
0.0000

■ 48.4032, 50.3639,
36.8759

■ 48.4032, 50.3639,
36.8759

■ 45.3593, 46.7347,
28.2814

■ 51.8196, 54.2730,
47.0274

■ 42.6678, 43.3701,
21.1618

■ 55.6195, 58.4630,
58.8061

■ 40.3126, 40.2636,
15.4321

■ 59.8183, 62.9436,
72.2818

■ 38.2745, 37.4054,
10.9973

■ 64.4295, 67.7219,
87.5191

■ 36.5319, 34.7850,
7.7503

■ 69.4656, 72.8047,
104.5793

■ 35.0599, 32.3903,
5.5666

■ 71.5486, 76.8426,
105.6688

■ 33.8280, 30.2069,
4.2917

■ 73.6377, 81.0208,
106.3652

■ 33.3641, 29.3535,
3.9073

■ 75.8140, 85.3734,
107.0906

■ 78.0786, 89.9026,
107.8455

Harmonies

Analogous

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



52.0021, 50.3639, 39.6220



48.4032, 50.3639, 36.8759



44.8378, 50.3639, 38.4081

Triad

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



48.4032, 50.3639, 36.8759



41.7234, 50.3639, 64.1972



54.0126, 50.3639, 67.1725

Complementary

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



48.4032, 50.3639, 36.8759



38.5310, 40.2080, 63.4879

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.



51.0347, 50.3639, 75.3894



48.4032, 50.3639, 36.8759



43.9616, 50.3639, 73.5218

Square

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



48.4032, 50.3639, 36.8759



41.0991, 50.3639, 53.3286



47.3395, 50.3639, 77.8504



55.3451, 50.3639, 56.3751

Rectangle

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



48.4032, 50.3639, 36.8759



42.9389, 50.3639, 41.7708



47.3395, 50.3639, 77.8504



53.1635, 50.3639, 70.3798

Sweetspot

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



48.4045, 50.3662, 36.8770



89.6494, 94.1785, 91.7478



43.7976, 38.3931, 43.8478



18.9815, 19.9312, 18.9910



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.



48.4045, 50.3662, 36.8770



76.4498, 79.1492, 52.2964



50.7702, 57.9266, 38.2116



11.8025, 12.3939, 11.8496



20.8631, 18.4591, 2.4634



1.1465, 1.0926, 0.1505

Inverse Universe

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



38.5310, 40.2080, 63.4879



57.6032, 59.7643, 103.1074



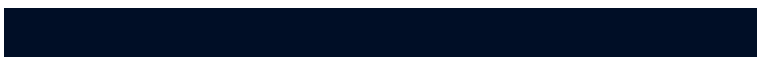
36.5596, 34.2427, 62.4403



10.9253, 11.4911, 14.2125



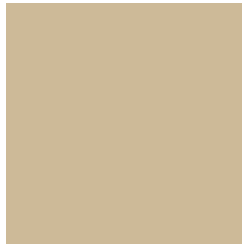
8.4449, 5.9139, 36.6527



0.5071, 0.4479, 1.9147

Previews

White Background



This preview shows how the XYZ color 48.4032, 50.3639, 36.8759 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 48.4032, 50.3639, 36.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

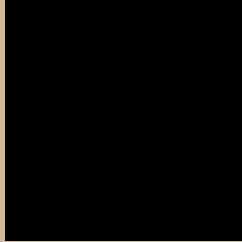
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4032, 50.3639, 36.8759

Background



This preview shows how black text looks on a background with the XYZ color 48.4032, 50.3639, 36.8759.



This preview shows how white text looks on a background with the XYZ color 48.4032, 50.3639,

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

48.4032, 50.3639, 36.8759

Protanopia

47.2862, 50.4085, 37.3745

Deuteranopia

51.4871, 50.4077, 37.1530



Tritanopia

52.6372, 50.2392, 57.9618

Trichromacy



Original Color

48.4032, 50.3639, 36.8759

Protanomaly

47.6075, 50.2581, 37.3286

Deuteranomaly

50.4148, 50.4630, 37.2202

Tritanomaly

50.8771, 50.1205, 49.6405

Monochromacy



Original Color

48.4032, 50.3639, 36.8759

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7563, 50.1051, 47.7117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4032, 50.3639, 36.8759 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(205, 186, 152) looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 152)  
}
```

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(205, 186, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 152) }
```

Border

The CSS property to change the border of an element to XYZ 48.4032, 50.3639, 36.8759 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(205, 186, 152) }
```


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

```
.border{ border-color:rgb(205, 186, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 186, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 186, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 186, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 186,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4032, 50.3639, 36.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 152) }
```

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

```
.background{ background-color: rgb(205,  
186, 152) }
```

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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