

Converting Colors

XYZ(48.8498, 50.0452, 34.2322)

Have a look what the booklet for
XYZ(48.8498, 50.0452, 34.2322)
contains.

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Color

**XYZ(48.9071, 50.0579,
34.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B892
RGB	210, 184, 146
RGB Percent	82%, 72%, 57%
CMY	0.1765, 0.2784, 0.4274
CMYK	0.00, 0.12, 0.30, 0.18
HSL	36°, 42%, 70%
HSV	36°, 30%, 82%
XYZ	48.9071, 50.0579, 34.2786
YIQ	187.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

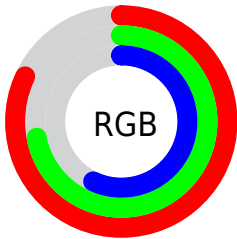
Format	Color
RYB	190, 210, 146
Decimal	13809810
CIELab	76.10, 3.66, 22.75
CIELCh	76, 23.038, 80.855
Yxy	50.0579, 0.3671, 0.3757
Android (android.graphics.Color)	4291999890 (0xFFD2B892)
YUV	187.4420, -20.4309, 19.7834
Hunter-Lab	70.7516, -0.4271, 20.8006

Details

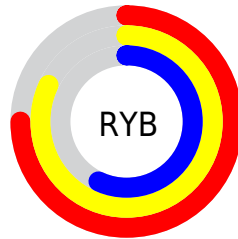
The XYZ color **48.9071, 50.0579, 34.2786** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2391, 40.2680, 66.7299**, and the grayscale version is **47.5857, 50.0639, 54.5196**.

A 20% lighter version of the original color is **82.8254, 87.7503, 67.2157**, and **23.6994, 24.0274, 14.2151** is the 20% darker color. If you saturate the color by 10%, you get **45.7028, 46.0277, 25.8780**, and if you desaturate by 10%, it is **52.5209, 54.4264, 44.2972**.

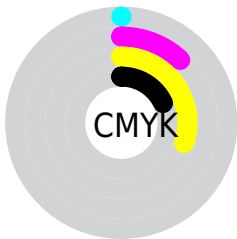
Distribution



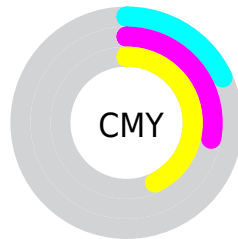
- Red (82%)
- Green (72%)
- Blue (57%)



- Red (75%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9071, 50.0579, 34.2786 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 48.9071, 50.0579, 34.2786 by changing the saturation by 10% instead.


 48.9071, 50.0579,
34.2786


 48.9071, 50.0579,
34.2786


372.8995,
386.8923, 336.1795

 34.7600, 35.4594,
22.8286


 87.7550, 90.2607,
67.5055

 23.6437, 24.0170,
14.2629


 113.1866,
116.6337, 90.1195

 15.1928, 15.3462,
8.1629


143.1103,
147.7004, 117.2920

 9.0420, 9.0627,
4.1101

177.8916,
183.8451, 149.4414

 4.8259, 4.7821,
1.6859

217.8958,
225.4523, 186.9863

 2.1792, 2.1200,
0.3511

263.4883,

 0.7317, 0.6758,

272.9063, 230.3453

0.0000

315.0344,
326.5915, 279.9369

■ 0.0000, 0.0000,
0.0000

■ 48.9071, 50.0579,
34.2786

■ 48.9071, 50.0579,
34.2786

■ 45.7028, 46.0277,
25.8780

■ 52.5209, 54.4264,
44.2972

■ 42.8859, 42.3187,
19.0051

■ 56.5574, 59.1361,
56.0114

■ 40.4377, 38.9221,
13.5654


■ 61.0338, 64.1984,
69.4974


■ 38.3361, 35.8259,
9.4522


■ 65.9652, 69.6222,
84.8258


■ 36.5562, 33.0168,
6.5441


■ 71.3658, 75.4159,
102.0635


 35.0685, 30.4798,
4.6968

 74.3894, 80.4436,
106.2142

 33.8744, 28.2937,
3.6758

 76.8929, 85.4508,
107.0487

 79.5153, 90.6954,
107.9228

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



53.0013, 50.0579, 38.0993



48.9071, 50.0579, 34.2786



44.6902, 50.0579, 35.2064

Triad

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



48.9071, 50.0579, 34.2786



40.2504, 50.0579, 63.3934



54.2959, 50.0579, 70.8930

Complementary

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



48.9071, 50.0579, 34.2786



38.2391, 40.2680, 66.7299

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.



50.5887, 50.0579, 79.8132



48.9071, 50.0579, 34.2786



42.5389, 50.0579, 75.0497

Square

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



48.9071, 50.0579, 34.2786



39.8604, 50.0579, 50.8208



46.2742, 50.0579, 81.4395



56.2337, 50.0579, 58.3622

Rectangle

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



48.9071, 50.0579, 34.2786



42.3633, 50.0579, 38.4590



46.2742, 50.0579, 81.4395



53.2051, 50.0579, 74.4877

Sweetspot

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



48.9084, 50.0602, 34.2796



88.6706, 92.8050, 89.6209



44.3682, 37.2642, 44.2210



18.7699, 19.6243, 18.5620



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.



48.9084, 50.0602, 34.2796



72.3719, 73.2802, 43.8867



53.3201, 61.1004, 36.1781



12.3840, 12.9586, 12.4606



20.7638, 17.4607, 2.2759



1.2378, 1.1300, 0.1529

Inverse Universe

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



38.2391, 40.2680, 66.7299



53.0947, 55.5952, 102.5403



34.7367, 31.8228, 65.2844



11.5523, 12.1948, 14.9886



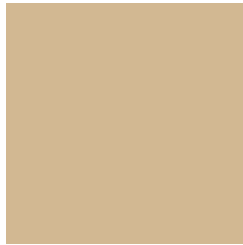
9.1848, 7.0163, 38.0627



0.5906, 0.5465, 2.1539

Previews

White Background



This preview shows how the XYZ color 48.9071, 50.0579, 34.2786 looks on a white background.

Color Contrast Check

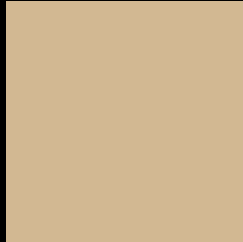
Large Text (above 18pt) WCAG AA × Fail

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 48.9071, 50.0579, 34.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

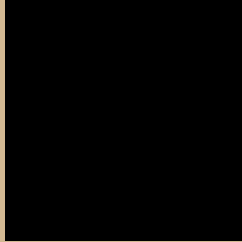
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9071, 50.0579, 34.2786

Background



This preview shows how black text looks on a background with the XYZ color 48.9071, 50.0579, 34.2786.



This preview shows how white text looks on a background with the XYZ color 48.9071, 50.0579,

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

48.9071, 50.0579, 34.2786

Protanopia

46.9350, 49.9581, 35.1861

Deuteranopia

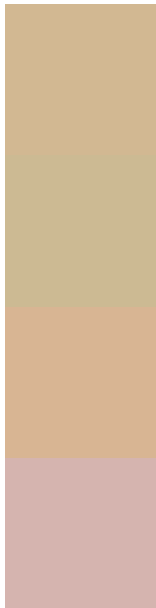
51.1029, 49.9647, 34.5545



Tritanopia

53.4592, 50.0936, 56.7206

Trichromacy



Original Color

48.9071, 50.0579, 34.2786

Protanomaly

47.7272, 50.0618, 34.7512

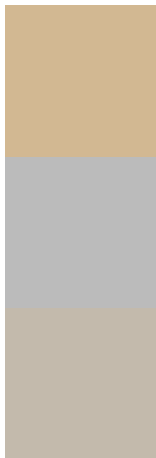
Deuteranomaly

50.1092, 49.7533, 34.5661

Tritanomaly

51.4997, 49.8838, 47.4716

Monochromacy



Original Color

48.9071, 50.0579, 34.2786

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5110, 49.6985, 46.1184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9071, 50.0579, 34.2786 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(210, 184, 146) looks like.

```
.text, #text, p{  
    color:rgb(210, 184, 146)  
}
```

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(210, 184, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 184, 146) }
```

Border

The CSS property to change the border of an element to XYZ 48.9071, 50.0579, 34.2786 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(210, 184, 146) }
```


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

```
.border{ border-color:rgb(210, 184, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 184, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 184, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 184, 146);  
box-shadow:4px 4px 4px 4px rgb(210, 184,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9071, 50.0579, 34.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 184, 146) }
```

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

```
.background{ background-color: rgb(210,  
184, 146) }
```

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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