

Converting Colors

XYZ(48.9613, 50.4132, 33.5357)

Have a look what the booklet for
XYZ(48.9613, 50.4132, 33.5357)
contains.

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Color

**XYZ(48.9613, 50.4132,
33.5357)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B990
RGB	210, 185, 144
RGB Percent	82%, 73%, 56%
CMY	0.1765, 0.2745, 0.4353
CMYK	0.00, 0.12, 0.31, 0.18
HSL	37°, 42%, 69%
HSV	37°, 31%, 82%
XYZ	48.9613, 50.4132, 33.5357
YIQ	187.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

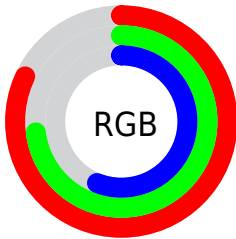
Format	Color
R_{YB}	184, 210, 144
Decimal	13810064
CIE _{Lab}	76.32, 2.87, 24.11
CIE _{LCh}	76, 24.281, 83.206
Yxy	50.4132, 0.3684, 0.3793
Android (android.graphics.Color)	4292000144 (0xFFD2B990)
YUV	187.8010, -21.5939, 19.4685
Hunter-Lab	71.0023, -1.1650, 21.6978

Details

The XYZ color **48.9613, 50.4132, 33.5357** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3219, 38.9570, 66.5251**, and the grayscale version is **47.7956, 50.2847, 54.7600**.

A 20% lighter version of the original color is **82.8883, 88.2478, 66.0909**, and **23.7446, 24.2614, 13.7874** is the 20% darker color. If you saturate the color by 10%, you get **45.8861, 46.5968, 25.3150**, and if you desaturate by 10%, it is **52.4308, 54.5399, 43.3619**.

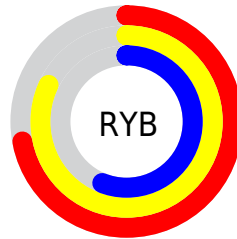
Distribution



Red (82%)

Green (73%)

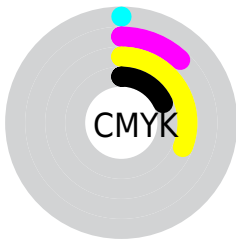
Blue (56%)



Red (72%)

Yellow (82%)

Blue (56%)

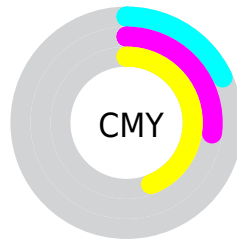


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (18%)



Cyan (18%)


Magenta (27%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9613, 50.4132, 33.5357 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 48.9613, 50.4132, 33.5357 by changing the saturation by 10% instead.


 48.9613, 50.4132,
33.5357


 48.9613, 50.4132,
33.5357


373.1094,
388.2796, 332.7625

 34.8032, 35.7418,
22.2627


 87.8350, 90.7868,
66.3366

 23.6771, 24.2349,
13.8499

 113.2814,
117.2578, 88.7016

 15.2177, 15.5079,
7.8788


143.2212,
148.4308, 115.6009

 9.0596, 9.1766,
3.9308

178.0198,
184.6902, 147.4532

 4.8375, 4.8566,
1.5875

218.0426,
226.4204, 184.6770

 2.1860, 2.1634,
0.2819

263.6549,

 0.7354, 0.6999,

274.0058, 227.6908

0.0000

315.2220,
327.8307, 276.9131

■ 0.0000, 0.0000,
0.0000

■ 48.9613, 50.4132,
33.5357

■ 48.9613, 50.4132,
33.5357

■ 45.8861, 46.5968,
25.3150

■ 52.4308, 54.5399,
43.3619

■ 43.1832, 43.0740,
18.6089

■ 56.3074, 58.9789,
54.8716

■ 40.8341, 39.8367,
13.3220


■ 60.6082, 63.7411,
68.1413


■ 38.8169, 36.8738,
9.3467


■ 65.3479, 68.8348,
83.2421


■ 37.1068, 34.1725,
6.5598


■ 70.5406, 74.2676,
100.2410


 35.6741, 31.7185,
4.8144

 73.6890, 79.0429,
105.9807

 34.6236, 29.7923,
3.9256

 75.9879, 83.6407,
106.7470

 78.3895, 88.4440,
107.5476

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



53.3638, 50.4132, 37.1330



48.9613, 50.4132, 33.5357



44.5425, 50.4132, 34.8898

Triad

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



48.9613, 50.4132, 33.5357



40.2985, 50.4132, 65.3964



55.2888, 50.4132, 71.3527

Complementary

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



48.9613, 50.4132, 33.5357



37.3219, 38.9570, 66.5251

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.



51.4561, 50.4132, 81.3665



48.9613, 50.4132, 33.5357



42.8526, 50.4132, 77.5642

Square

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



48.9613, 50.4132, 33.5357



39.7239, 50.4132, 51.9732



46.8861, 50.4132, 83.8033



57.1640, 50.4132, 57.9168

Rectangle

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



48.9613, 50.4132, 33.5357



42.1587, 50.4132, 38.5423



46.8861, 50.4132, 83.8033



54.1754, 50.4132, 75.3120

Sweetspot

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



48.9626, 50.4155, 33.5367



88.8623, 93.1884, 89.6848



43.7415, 36.5245, 42.4289



18.8172, 19.7189, 18.5777



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.



48.9626, 50.4155, 33.5367



72.5701, 74.0320, 42.8577



52.5191, 60.7053, 35.3354



12.4116, 13.0140, 12.4698



21.2195, 18.3721, 2.4278



1.2616, 1.1776, 0.1608

Inverse Universe

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



37.3219, 38.9570, 66.5251



51.6399, 53.4387, 102.2007



34.4994, 31.2467, 65.1856



11.5253, 12.1410, 14.9796



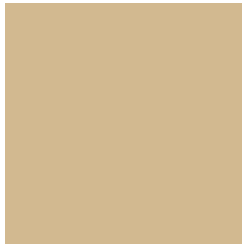
8.9145, 6.4756, 37.9726



0.5740, 0.5132, 2.1484

Previews

White Background



This preview shows how the XYZ color 48.9613, 50.4132, 33.5357 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 48.9613, 50.4132, 33.5357 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 48.9613, 50.4132, 33.5357

Background



This preview shows how black text looks on a background with the XYZ color 48.9613, 50.4132, 33.5357.



This preview shows how white text looks on a background with the XYZ color 48.9613, 50.4132,

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

48.9613, 50.4132, 33.5357

Protanopia

47.1814, 50.4283, 34.0350

Deuteranopia

51.4535, 50.4642, 33.8167



Tritanopia

53.4592, 50.0936, 56.7206

Trichromacy



Original Color

48.9613, 50.4132, 33.5357

Protanomaly

47.7830, 50.4224, 34.0021

Deuteranomaly

50.4541, 50.2519, 33.8284

Tritanomaly

51.7023, 50.2890, 47.5392

Monochromacy



Original Color

48.9613, 50.4132, 33.5357

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9817, 50.2550, 46.2010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9613, 50.4132, 33.5357 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, 185, 144)` looks like.

```
.text, #text, p{  
    color:rgb(210, 185, 144)  
}
```

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, 185, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 185, 144) }
```

Border

The CSS property to change the border of an element to XYZ 48.9613, 50.4132, 33.5357 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, 185, 144) }
```


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

```
.border{ border-color:rgb(210, 185, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 185, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 185, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 185, 144);  
box-shadow:4px 4px 4px 4px rgb(210, 185,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9613, 50.4132, 33.5357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 185, 144) }
```

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

```
.background{ background-color: rgb(210,  
185, 144) }
```

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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