

Converting Colors

XYZ(32.9603, 29.8354, 25.4638)

Have a look what the booklet for
XYZ(32.9603, 29.8354, 25.4638)
contains.

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Color

**XYZ(33.0500, 29.8443,
25.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	B98983
RGB	185, 137, 131
RGB Percent	73%, 54%, 51%
CMY	0.2745, 0.4627, 0.4863
CMYK	0.00, 0.26, 0.29, 0.27
HSL	7°, 28%, 62%
HSV	7°, 29%, 73%
XYZ	33.0500, 29.8443, 25.4913
YIQ	150.6680, 30.5340, 8.3100

Conversions

Conversions Part 2

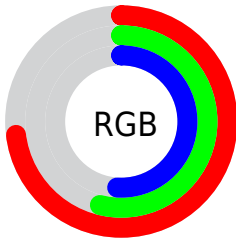
Format	Color
RYB	185, 138, 131
Decimal	12159363
CIELab	61.52, 17.46, 10.39
CIELCh	62, 20.319, 30.750
Yxy	29.8443, 0.3739, 0.3377
Android (android.graphics.Color)	4290349443 (0xFFB98983)
YUV	150.6680, -9.6963, 30.1092
Hunter-Lab	54.6299, 12.3865, 10.5752

Details

The XYZ color **33.0500, 29.8443, 25.4913** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.2367, 40.5670, 51.9249**, and the grayscale version is **29.3052, 30.8313, 33.5753**.

A 20% lighter version of the original color is **63.9005, 59.5995, 53.4833**, and **14.2913, 12.2509, 9.5941** is the 20% darker color. If you saturate the color by 10%, you get **29.7445, 25.0638, 18.7460**, and if you desaturate by 10%, it is **36.9373, 35.4297, 33.5357**.

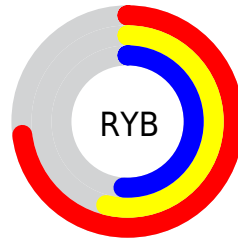
Distribution



Red (73%)

Green (54%)

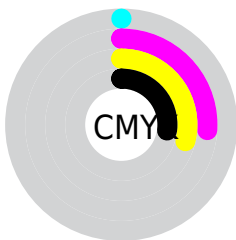
Blue (51%)



Red (73%)

Yellow (54%)

Blue (51%)

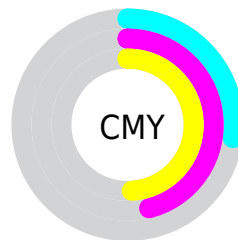


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0500, 29.8443, 25.4913 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 33.0500, 29.8443, 25.4913 by changing the saturation by 10% instead.


 33.0500, 29.8443,
25.4913


 33.0500, 29.8443,
25.4913


307.5360,
301.1780, 293.8015

 22.3242, 19.7204,
16.2211


 63.8077, 59.4159,
53.4271

 14.2132, 12.1920,
9.5247


 84.5704, 79.6323,
72.9298

 8.3518, 6.8746,
4.9835


 109.4093,
103.9818, 96.6805

 4.3746, 3.3838,
2.1790

138.6899,
132.8487, 125.0976

 1.9161, 1.3352,
0.6622

172.7775,
166.6174, 158.5997

 0.5862, 0.1682,
0.0000

212.0375,

 0.0000, 0.0000,

205.6722, 197.6054

0.0000

256.8352,
250.3976, 242.5331

■ 33.0500, 29.8443,
25.4913

■ 33.0500, 29.8443,
25.4913

■ 29.7445, 25.0638,
18.7460

■ 36.9373, 35.4297,
33.5357

■ 26.9903, 21.0470,
13.2298

■ 41.4300, 41.8501,
42.9406

■ 24.7580, 17.7554,
8.8691

■ 46.5534, 49.1397,
53.7654

■ 23.0142, 15.1458,
5.5814

■ 52.3307, 57.3290,
66.0658

■ 21.7218, 13.1699,
3.2735

■ 58.7838, 66.4473,
79.8942

■ 20.8382, 11.7733,
1.8360

■ 65.9336, 76.5227,
95.3006

■ 20.3009, 10.8877,
1.0747

■ 72.9017, 87.2224,
107.6010

■ 20.2680, 10.8349,
1.0231

■ 73.8177, 89.0543,
107.9063

Harmonies

Analogous

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



33.8617, 29.8443, 32.3017



33.0500, 29.8443, 25.4913



30.9706, 29.8443, 21.2037

Triad

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



33.0500, 29.8443, 25.4913



24.0863, 29.8443, 25.7783



28.4339, 29.8443, 49.6819

Complementary

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



33.0500, 29.8443, 25.4913



34.2367, 40.5670, 51.9249

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.



25.9119, 29.8443, 47.2176



33.0500, 29.8443, 25.4913



23.4998, 29.8443, 32.6898

Square

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



33.0500, 29.8443, 25.4913



25.8016, 29.8443, 21.3500



24.1471, 29.8443, 40.6775



31.0952, 29.8443, 46.9691

Rectangle

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



33.0500, 29.8443, 25.4913



29.2061, 29.8443, 19.9525



24.1471, 29.8443, 40.6775



27.5424, 29.8443, 49.4282

Sweetspot

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



33.0508, 29.8457, 25.4919



74.2363, 75.0041, 76.9814



36.3217, 29.8262, 46.8096



15.7378, 15.7899, 16.0364



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.0508, 29.8457, 25.4919



55.2967, 47.8246, 37.6826



37.2729, 38.2899, 26.8993



9.0829, 9.1687, 9.3979



13.8284, 7.4332, 0.7059



0.5141, 0.3153, 0.0338

Inverse Universe

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



34.2367, 40.5670, 51.9249



57.7568, 70.1231, 92.6956



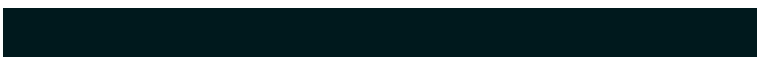
29.4432, 30.9801, 50.3271



9.1791, 10.0355, 11.5327



15.0879, 20.6355, 34.4409



0.5564, 0.7764, 1.2223

Previews

White Background



This preview shows how the XYZ color 33.0500, 29.8443, 25.4913 looks on a white background.

Color Contrast Check

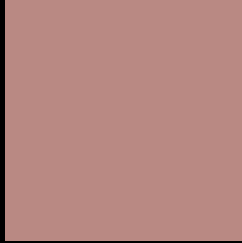
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0500, 29.8443, 25.4913 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 × Fail

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

XYZ 33.0500, 29.8443, 25.4913

Background



This preview shows how black text looks on a background with the XYZ color 33.0500, 29.8443, 25.4913.



This preview shows how white text looks on a background with the XYZ color 33.0500, 29.8443,

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

33.0500, 29.8443, 25.4913

Protanopia

28.4317, 29.8560, 27.9312

Deuteranopia

30.4293, 29.8027, 25.2678



Tritanopia

34.2683, 29.9371, 30.7604

Trichromacy



Original Color

33.0500, 29.8443, 25.4913

Protanomaly

29.8635, 29.6951, 27.0794

Deuteranomaly

31.2333, 29.7754, 25.2201

Tritanomaly

33.7875, 29.9409, 28.8093

Monochromacy



Original Color

33.0500, 29.8443, 25.4913

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.4172, 30.3579, 30.6421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0500, 29.8443, 25.4913 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(185, 137, 131)` looks like.

```
.text, #text, p{  
    color:rgb(185, 137, 131)  
}
```

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(185, 137, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 137, 131) }
```

Border

The CSS property to change the border of an element to XYZ 33.0500, 29.8443, 25.4913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

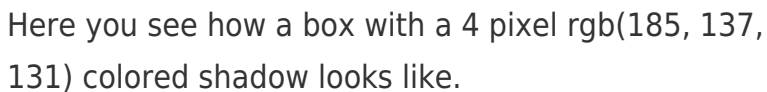
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 137, 131) }
```


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

```
.border{ border-color:rgb(185, 137, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 137, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 137, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 137, 131);  
box-shadow:4px 4px 4px 4px rgb(185, 137,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0500, 29.8443, 25.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 137, 131) }
```

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

```
.background{ background-color: rgb(185,  
137, 131) }
```

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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