

Converting Colors

XYZ(33.1386, 33.2352, 25.7624)

Have a look what the booklet for
XYZ(33.1386, 33.2352, 25.7624)
contains.

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Color

**XYZ(33.1620, 33.2983,
25.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	B09882
RGB	176, 152, 130
RGB Percent	69%, 60%, 51%
CMY	0.3098, 0.4039, 0.4902
CMYK	0.00, 0.14, 0.26, 0.31
HSL	29°, 23%, 60%
HSV	29°, 26%, 69%
XYZ	33.1620, 33.2983, 25.7985
YIQ	156.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

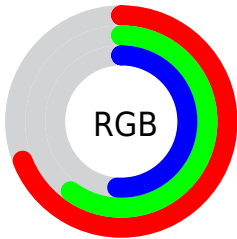
Format	Color
RYB	176, 172, 130
Decimal	11573378
CIELab	64.40, 5.44, 14.87
CIElCh	64, 15.828, 69.911
Yxy	33.2983, 0.3594, 0.3609
Android (android.graphics.Color)	4289763458 (0xFFB09882)
YUV	156.6680, -13.1473, 16.9542
Hunter-Lab	57.7047, 1.5980, 13.8860

Details

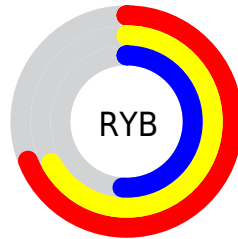
The XYZ color **33.1620, 33.2983, 25.7985** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5977, 30.9908, 45.5490**, and the grayscale version is **31.9498, 33.6137, 36.6054**.

A 20% lighter version of the original color is **63.8973, 64.7173, 53.9237**, and **14.3073, 14.1124, 9.7545** is the 20% darker color. If you saturate the color by 10%, you get **30.6475, 30.0009, 19.6221**, and if you desaturate by 10%, it is **35.9957, 36.9104, 33.0790**.

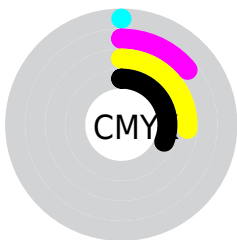
Distribution



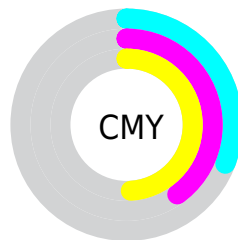
- Red (69%)
- Green (60%)
- Blue (51%)



- Red (69%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1620, 33.2983, 25.7985 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 33.1620, 33.2983, 25.7985 by changing the saturation by 10% instead.


 33.1620, 33.2983,
25.7985


 33.1620, 33.2983,
25.7985

308.0312,
316.9918, 295.3655

 22.4104, 22.3551,
16.4485


 63.9814, 64.8410,
53.9298

 14.2771, 14.1180,
9.6843


 84.7798, 86.2092,
73.5482

 8.3966, 8.2028,
5.0873


 109.6580,
111.8212, 97.4265

 4.4037, 4.2250,
2.2389

138.9811,
142.0614, 125.9833

 1.9330, 1.8002,
0.6967

173.1147,
177.3141, 159.6370

 0.5959, 0.4873,
0.0000

212.4240,

 0.0000, 0.0000,

217.9638, 198.8062

0.0000

257.2743,
264.3949, 243.9095

■ 33.1620, 33.2983,
25.7985

■ 33.1620, 33.2983,
25.7985

■ 30.6475, 30.0009,
19.6221

■ 35.9957, 36.9104,
33.0790

■ 28.4368, 27.0042,
14.4927

■ 39.1580, 40.8413,
41.5128

■ 26.5168, 24.2999,
10.3513

■ 42.6613, 45.1011,
51.1483

■ 24.8723, 21.8775,
7.1318

■ 46.5163, 49.6979,
62.0309

■ 23.4867, 19.7257,
4.7602

■ 50.7333, 54.6394,
74.2032

■ 22.3407, 17.8319,
3.1506

■ 55.3221, 59.9332,
87.7061

■ 21.4099, 16.1812,
2.1902

■ 60.2921, 65.5865,
102.5786

■ 21.0895, 15.6001,
1.8996

■ 63.0027, 70.5464,
104.9040

■ 65.5586, 75.6582,
105.7559

Harmonies

Analogous

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



35.0932, 33.2983, 28.8575



33.1620, 33.2983, 25.7985



30.9085, 33.2983, 25.3467

Triad

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



33.1620, 33.2983, 25.7985



27.5666, 33.2983, 38.4361



34.5136, 33.2983, 46.6410

Complementary

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



33.1620, 33.2983, 25.7985



28.5977, 30.9908, 45.5490

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.



32.4013, 33.2983, 49.9178



33.1620, 33.2983, 25.7985



28.4380, 33.2983, 44.8224

Square

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



33.1620, 33.2983, 25.7985



27.7486, 33.2983, 32.1555



30.1828, 33.2983, 49.2154



35.8989, 33.2983, 40.6914

Rectangle

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



33.1620, 33.2983, 25.7985



29.5355, 33.2983, 26.5214



30.1828, 33.2983, 49.2154



33.8611, 33.2983, 48.1218

Sweetspot

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



33.1629, 33.2998, 25.7992



69.8211, 72.5962, 72.0526



31.7647, 27.5467, 34.4484



14.9429, 15.4997, 15.1086



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.1629, 33.2998, 25.7992



57.6097, 57.0905, 40.4914



37.1603, 41.2947, 27.1317



8.8205, 9.1535, 8.9544



15.5317, 11.5619, 1.4131



0.5472, 0.4808, 0.0640

Inverse Universe

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



28.5977, 30.9908, 45.5490



48.0035, 52.2307, 82.0468



25.2309, 24.2571, 44.4267



8.3965, 8.9391, 10.7892



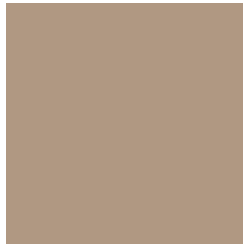
8.6048, 8.0100, 31.2296



0.3287, 0.3680, 1.0019

Previews

White Background



This preview shows how the XYZ color 33.1620, 33.2983, 25.7985 looks on a white background.

Color Contrast Check

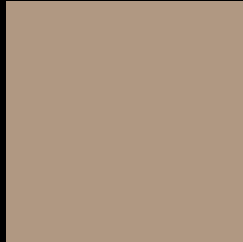
Large Text (above 18pt) WCAG AA × Fail

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 33.1620, 33.2983, 25.7985 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 33.1620, 33.2983, 25.7985

Background



This preview shows how black text looks on a background with the XYZ color 33.1620, 33.2983, 25.7985.



This preview shows how white text looks on a background with the XYZ color 33.1620, 33.2983,

25.7985.

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

33.1620, 33.2983, 25.7985

Protanopia

31.5704, 33.4422, 26.6208

Deuteranopia

33.7580, 33.1277, 25.7341



Tritanopia

35.4383, 33.2667, 37.3542

Trichromacy



Original Color

33.1620, 33.2983, 25.7985

Protanomaly

32.1803, 33.5164, 26.2460

Deuteranomaly

33.6863, 33.3286, 25.7767

Tritanomaly

34.4528, 33.0980, 32.5897

Monochromacy



Original Color

33.1620, 33.2983, 25.7985

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2976, 33.4418, 32.3564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1620, 33.2983, 25.7985 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(176, 152, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 130)  
}
```

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(176, 152, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 130) }
```

Border

The CSS property to change the border of an element to XYZ 33.1620, 33.2983, 25.7985 is called "border". The border property can be set on classes, ids or directly on the HTML element.

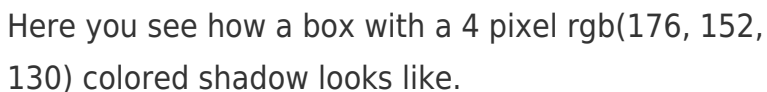
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 152, 130) }
```


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

```
.border{ border-color:rgb(176, 152, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 152, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 152, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 152, 130); box-shadow:4px 4px 4px 4px rgb(176, 152, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1620, 33.2983, 25.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 130) }
```

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

```
.background{ background-color: rgb(176,  
152, 130) }
```

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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