

Converting Colors

XYZ(35.2863, 35.3901, 33.1549)

Have a look what the booklet for
XYZ(35.2863, 35.3901, 33.1549)
contains.

XYZ(35.3068, 35.4822, 33.0048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3068, 35.4822,
33.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	B09D94
RGB	176, 157, 148
RGB Percent	69%, 62%, 58%
CMY	0.3098, 0.3843, 0.4196
CMYK	0.00, 0.11, 0.16, 0.31
HSL	19°, 15%, 64%
HSV	19°, 16%, 69%
XYZ	35.3068, 35.4822, 33.0048
YIQ	161.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

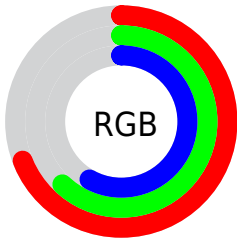
Format	Color
RYB	176, 161, 148
Decimal	11574676
CIELab	66.12, 5.45, 7.24
CIElCh	66, 9.063, 53.029
Yxy	35.4822, 0.3402, 0.3419
Android (android.graphics.Color)	4289764756 (0xFFB09D94)
YUV	161.6550, -6.7319, 12.5806
Hunter-Lab	59.5669, 1.5592, 8.8455

Details

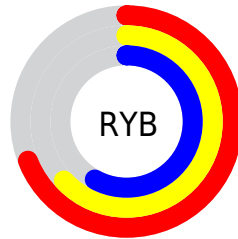
The XYZ color **35.3068, 35.4822, 33.0048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8677, 37.0671, 46.4443**, and the grayscale version is **34.2080, 35.9894, 39.1925**.

A 20% lighter version of the original color is **67.4829, 68.5070, 65.5436**, and **15.4801, 15.3821, 13.4624** is the 20% darker color. If you saturate the color by 10%, you get **32.0960, 31.1230, 25.5762**, and if you desaturate by 10%, it is **38.9288, 40.3243, 41.6165**.

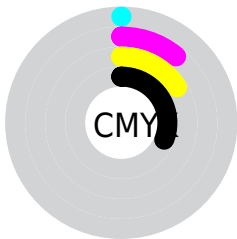
Distribution



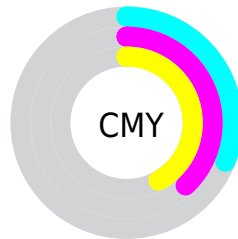
- Red (69%)
- Green (62%)
- Blue (58%)



- Red (69%)
- Yellow (63%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3068, 35.4822, 33.0048 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 35.3068, 35.4822, 33.0048 by changing the saturation by 10% instead.


 35.3068, 35.4822,
33.0048


 35.3068, 35.4822,
33.0048

317.4048,
326.6916, 330.3040

 24.0669, 24.0346,
21.8590


 67.2917, 68.2321,
65.4991

 15.5083, 15.3593,
13.5560


 88.7674, 90.3032,
87.6847

 9.2655, 9.0719,
7.6773

114.3857,
116.6841, 114.3873

 4.9733, 4.7881,
3.8044

144.5121,
147.7594, 146.0254

 2.2662, 2.1235,
1.5186

179.5118,
183.9134, 183.0176

 0.7773, 0.6778,
0.2318

219.7503,

 0.0000, 0.0000,

225.5305, 225.7824

0.0000

265.5928,
272.9951, 274.7384

■ 35.3068, 35.4822,
33.0048

■ 35.3068, 35.4822,
33.0048

■ 32.0960, 31.1230,
25.5762

■ 38.9288, 40.3243,
41.6165

■ 29.2785, 27.2267,
19.2762

■ 42.9736, 45.6588,
51.4577

■ 26.8389, 23.7791,
14.0497

■ 47.4556, 51.5012,
62.5754

■ 24.7600, 20.7634,
9.8357

■ 52.3879, 57.8646,
75.0132

■ 23.0228, 18.1615,
6.5671

■ 57.7829, 64.7618,
88.8128

■ 21.6067, 15.9541,
4.1689

■ 63.6525, 72.2049,
104.0138

■ 20.4882, 14.1199,
2.5540

■ 67.2886, 79.1181,
106.3326

■ 19.6385, 12.6348,
1.6105

■ 70.9319, 86.4046,
107.5470

■ 19.3478, 12.1164,
1.3190

■ 71.7147, 87.9702,
107.8079

Harmonies

Analogous

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



36.1654, 35.4822, 35.8039



35.3068, 35.4822, 33.0048



34.0401, 35.4822, 31.7280

Triad

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



35.3068, 35.4822, 33.0048



31.2183, 35.4822, 37.7407



34.7483, 35.4822, 45.8718

Complementary

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



35.3068, 35.4822, 33.0048



33.8677, 37.0671, 46.4443

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.



33.4114, 35.4822, 46.4759



35.3068, 35.4822, 33.0048



31.3965, 35.4822, 41.6096

Square

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



35.3068, 35.4822, 33.0048



31.6972, 35.4822, 34.3419



32.1907, 35.4822, 44.8696



35.8370, 35.4822, 43.2698

Rectangle

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



35.3068, 35.4822, 33.0048



33.1441, 35.4822, 31.8476



32.1907, 35.4822, 44.8696



34.3122, 35.4822, 46.3221

Sweetspot

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



35.3078, 35.4838, 33.0056



71.1766, 73.8948, 76.8585



35.4822, 33.2053, 41.1634



15.3214, 15.8766, 16.4067



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.



35.3078, 35.4838, 33.0056



61.9595, 61.5509, 55.0108



37.7879, 40.4441, 33.8323



8.7121, 8.9366, 8.9183



14.2435, 8.9855, 0.9837



0.5023, 0.3911, 0.0490

Inverse Universe

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



33.8677, 37.0671, 46.4443



58.8595, 64.9561, 83.9309



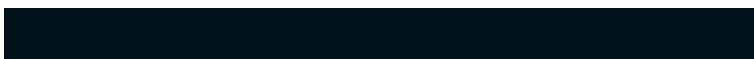
31.4627, 32.2571, 45.6427



8.5077, 9.1616, 10.8263



10.6802, 12.1608, 31.9214



0.3861, 0.4826, 1.0210

Previews

White Background



This preview shows how the XYZ color 35.3068, 35.4822, 33.0048 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 35.3068, 35.4822, 33.0048 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 35.3068, 35.4822, 33.0048

Background



This preview shows how black text looks on a background with the XYZ color 35.3068, 35.4822, 33.0048.



This preview shows how white text looks on a background with the XYZ color 35.3068, 35.4822,

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

35.3068, 35.4822, 33.0048

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.1227, 35.4046, 32.9469



Tritanopia

36.7986, 35.3294, 40.9561

Trichromacy



Original Color

35.3068, 35.4822, 33.0048

Protanomaly

34.4005, 35.5122, 33.4752

Deuteranomaly

35.8242, 35.4988, 32.9808

Tritanomaly

36.1108, 35.2930, 37.7099

Monochromacy



Original Color

35.3068, 35.4822, 33.0048

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5930, 35.7914, 36.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3068, 35.4822, 33.0048 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, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 148)  
}
```

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, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.3068, 35.4822, 33.0048 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, 157, 148) }
```


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

```
.border{ border-color:rgb(176, 157, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3068, 35.4822, 33.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 148) }
```

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

```
.background{ background-color: rgb(176,  
157, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor