

Converting Colors

XYZ(34.5083, 34.6258, 30.4558)

Have a look what the booklet for
XYZ(34.5083, 34.6258, 30.4558)
contains.

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Color

**XYZ(34.5083, 34.6258,
30.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	B09B8E
RGB	176, 155, 142
RGB Percent	69%, 61%, 56%
CMY	0.3098, 0.3921, 0.4431
CMYK	0.00, 0.12, 0.19, 0.31
HSL	23°, 18%, 62%
HSV	23°, 19%, 69%
XYZ	34.5083, 34.6258, 30.4558
YIQ	159.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

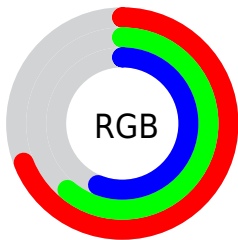
Format	Color
R_{YB}	176, 163, 142
Decimal	11574158
CIE _{Lab}	65.46, 5.59, 9.64
CIE _{LCh}	65, 11.148, 59.896
Yxy	34.6258, 0.3465, 0.3477
Android (android.graphics.Color)	4289764238 (0xFFB09B8E)
YUV	159.7970, -8.7739, 14.2100
Hunter-Lab	58.8437, 1.7031, 10.5038

Details

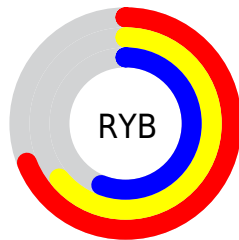
The XYZ color **34.5083, 34.6258, 30.4558** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0887, 35.0788, 46.1541**, and the grayscale version is **33.3546, 35.0917, 38.2148**.

A 20% lighter version of the original color is **66.0430, 66.7423, 61.6263**, and **15.0505, 14.8843, 12.2049** is the 20% darker color. If you saturate the color by 10%, you get **31.5619, 30.6832, 23.4610**, and if you desaturate by 10%, it is **37.8281, 38.9806, 38.6053**.

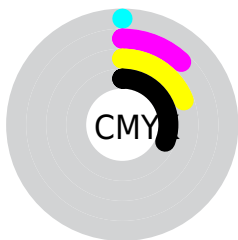
Distribution



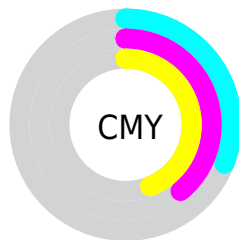
- Red (69%)
- Green (61%)
- Blue (56%)



- Red (69%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (31%)





- Cyan (31%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5083, 34.6258, 30.4558 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 34.5083, 34.6258, 30.4558 by changing the saturation by 10% instead.


 34.5083, 34.6258,
30.4558


 34.5083, 34.6258,
30.4558

313.9388,
322.9135, 318.2965


 23.4491, 23.3748,
19.9298


 66.0624, 66.9057,
61.4518

 15.0480, 14.8705,
12.1605


 87.2880, 88.7033,
82.7588

 8.9396, 8.7285,
6.7292


 112.6331,
114.7852, 108.4967

 4.7586, 4.5645,
3.2175

142.4631,
145.5359, 139.0838

 2.1396, 1.9941,
1.2067

177.1433,
181.3396, 174.9389

 0.7106, 0.6040,
0.0000

217.0391,

 0.0000, 0.0000,

222.5809, 216.4803

0.0000

262.5158,
269.6441, 264.1266

■ 34.5083, 34.6258,
30.4558

■ 34.5083, 34.6258,
30.4558

■ 31.5619, 30.6832,
23.4610

■ 37.8281, 38.9806,
38.6053

■ 28.9721, 27.1358,
17.5658

■ 41.5317, 43.7549,
47.9568

■ 26.7248, 23.9719,
12.7140

■ 45.6326, 48.9616,
58.5574

■ 24.8037, 21.1777,
8.8433

■ 50.1427, 54.6115,
70.4513

■ 23.1913, 18.7382,
5.8847

■ 55.0736, 60.7153,
83.6804

■ 21.8678, 16.6373,
3.7601

■ 60.4362, 67.2830,
98.2846

■ 20.8109, 14.8574,
2.3781

■ 64.5544, 73.6498,
105.4212

■ 19.9816, 13.3737,
1.5627

■ 67.6930, 79.9271,
106.4674

■ 19.9304, 13.2818,
1.5132

■ 71.0239, 86.5889,
107.5777

Harmonies

Analogous

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



35.7040, 34.6258, 33.4015



34.5083, 34.6258, 30.4558



32.9165, 34.6258, 29.4175

Triad

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



34.5083, 34.6258, 30.4558



29.8744, 34.6258, 37.6853



34.4981, 34.6258, 46.0328

Complementary

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



34.5083, 34.6258, 30.4558



32.0887, 35.0788, 46.1541

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.



32.9051, 34.6258, 47.4110



34.5083, 34.6258, 30.4558



30.2672, 34.6258, 42.3558

Square

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



34.5083, 34.6258, 30.4558



30.2726, 34.6258, 33.3754



31.3633, 34.6258, 46.0141



35.6980, 34.6258, 42.3863

Rectangle

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



34.5083, 34.6258, 30.4558



31.8554, 34.6258, 29.8740



31.3633, 34.6258, 46.0141



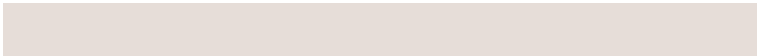
33.9892, 34.6258, 46.7895

Sweetspot

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



34.5092, 34.6274, 30.4565



70.6882, 73.3953, 75.2239



34.2366, 31.2400, 39.1272



15.2297, 15.7900, 16.0772



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.



34.5092, 34.6274, 30.4565



60.3246, 59.7919, 49.8077



37.4384, 40.4858, 31.4329



8.7539, 9.0204, 8.9323



14.6761, 9.8508, 1.1279



0.5192, 0.4248, 0.0546

Inverse Universe

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



32.0887, 35.0788, 46.1541



55.1564, 60.7529, 83.3147



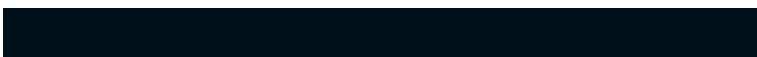
29.3535, 29.6084, 45.2424



8.4642, 9.0746, 10.8118



9.7956, 10.3916, 31.6265



0.3625, 0.4355, 1.0132

Previews

White Background



This preview shows how the XYZ color 34.5083, 34.6258, 30.4558 looks on a white background.

Color Contrast Check

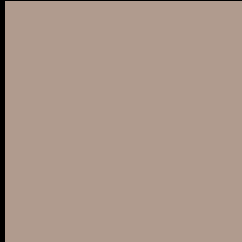
Large Text (above 18pt) WCAG AA × Fail

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 34.5083, 34.6258, 30.4558 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

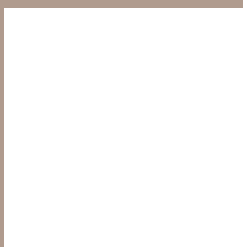
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5083, 34.6258, 30.4558

Background



This preview shows how black text looks on a background with the XYZ color 34.5083, 34.6258, 30.4558.



This preview shows how white text looks on a background with the XYZ color 34.5083, 34.6258,

30.4558.

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

34.5083, 34.6258, 30.4558

Protanopia

32.9492, 34.8092, 31.3678

Deuteranopia

35.0961, 34.4388, 30.3888



Tritanopia

36.5195, 34.7205, 39.8989

Trichromacy



Original Color

34.5083, 34.6258, 30.4558

Protanomaly

33.5470, 34.8719, 30.9494

Deuteranomaly

35.0285, 34.6479, 30.4327

Tritanomaly

35.7521, 34.6477, 36.2558

Monochromacy



Original Color

34.5083, 34.6258, 30.4558

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7025, 34.8606, 35.0895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5083, 34.6258, 30.4558 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, 155, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 155, 142)  
}
```

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, 155, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 155, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.5083, 34.6258, 30.4558 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, 155, 142) }
```


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

```
.border{ border-color:rgb(176, 155, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 155, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 155, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 155, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 155,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5083, 34.6258, 30.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 155, 142) }
```

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

```
.background{ background-color: rgb(176,  
155, 142) }
```

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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