

Converting Colors

XYZ(35.4748, 33.9193, 33.6041)

Have a look what the booklet for
XYZ(35.4748, 33.9193, 33.6041)
contains.

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Color

**XYZ(35.4674, 33.8385,
33.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	B59696
RGB	181, 150, 150
RGB Percent	71%, 59%, 59%
CMY	0.2902, 0.4117, 0.4118
CMYK	0.00, 0.17, 0.17, 0.29
HSL	0°, 17%, 65%
HSV	0°, 17%, 71%
XYZ	35.4674, 33.8385, 33.5163
YIQ	159.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

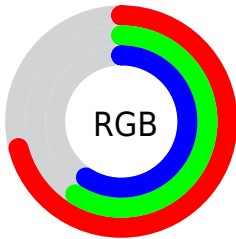
Format	Color
RYB	181, 150, 150
Decimal	11900566
CIELab	64.83, 11.55, 4.33
CIElCh	65, 12.332, 20.552
Yxy	33.8385, 0.3449, 0.3291
Android (android.graphics.Color)	4290090646 (0xFFB59696)
YUV	159.2690, -4.5696, 19.0581
Hunter-Lab	58.1709, 7.0343, 6.5585

Details

The XYZ color **35.4674, 33.8385, 33.5163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4416, 42.8668, 50.0170**, and the grayscale version is **33.0929, 34.8163, 37.9149**.

A 20% lighter version of the original color is **67.4170, 65.5499, 66.2259**, and **15.6161, 14.4137, 13.7635** is the 20% darker color. If you saturate the color by 10%, you get **31.4528, 27.9643, 25.5342**, and if you desaturate by 10%, it is **40.1550, 40.6979, 42.8343**.

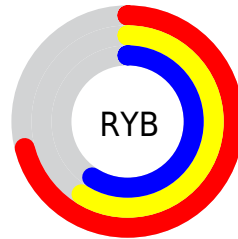
Distribution



Red (71%)

Green (59%)

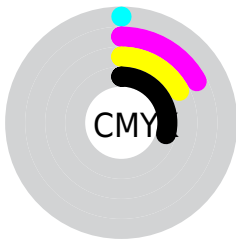
Blue (59%)



Red (71%)

Yellow (59%)

Blue (59%)

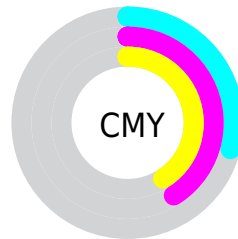


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4674, 33.8385, 33.5163 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 35.4674, 33.8385, 33.5163 by changing the saturation by 10% instead.


 35.4674, 33.8385,
33.5163


 35.4674, 33.8385,
33.5163


318.0986,
319.4113, 332.6729

 24.1913, 22.7696,
22.2479


 67.5385, 65.6824,
66.3060

 15.6011, 14.4234,
13.8391


 89.0642, 87.2262,
88.6645

 9.3314, 8.4158,
7.8714


114.7372,
113.0304, 115.5567

 5.0168, 4.3621,
3.9262

144.9228,
143.4794, 147.4011

 2.2920, 1.8781,
1.5849

179.9864,
178.9576, 184.6165

 0.7906, 0.5352,
0.2800

220.2933,

 0.0000, 0.0000,

219.8494, 227.6212

0.0000

266.2090,
266.5392, 276.8338

■ 35.4674, 33.8385,
33.5163

■ 35.4674, 33.8385,
33.5163

■ 31.4528, 27.9643,
25.5342

■ 40.1550, 40.6979,
42.8343

■ 28.0778, 23.0257,
18.8248

■ 45.5416, 48.5799,
53.5431

■ 25.3103, 18.9759,
13.3230

■ 51.6553, 57.5256,
65.6974

■ 23.1140, 15.7621,
8.9571

■ 58.5215, 67.5726,
79.3479

■ 21.4492, 13.3259,
5.6478

■ 66.1647, 78.7565,
94.5433

■ 20.2708, 11.6016,
3.3056

■ 72.8661, 88.5638,
107.8618

■ 19.5266, 10.5124,
1.8264

■ 19.1413, 9.9485,
1.0607

■ 19.0564, 9.8243,
0.8919

Harmonies

Analogous

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



35.6503, 33.8385, 38.4733



35.4674, 33.8385, 33.5163



34.3815, 33.8385, 29.7960

Triad

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



35.4674, 33.8385, 33.5163



29.5967, 33.8385, 30.9728



31.6051, 33.8385, 47.3590

Complementary

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



35.4674, 33.8385, 33.5163



37.4416, 42.8668, 50.0170

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.



30.0410, 33.8385, 44.9249



35.4674, 33.8385, 33.5163



28.9099, 33.8385, 35.2621

Square

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



35.4674, 33.8385, 33.5163



30.9784, 33.8385, 28.4240



29.0695, 33.8385, 40.3858



33.3764, 33.8385, 46.7823

Rectangle

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



35.4674, 33.8385, 33.5163



33.3130, 33.8385, 28.3698



29.0695, 33.8385, 40.3858



31.0388, 33.8385, 46.8580

Sweetspot

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



35.4683, 33.8400, 33.5170



73.7841, 75.6215, 80.4277



38.3032, 34.9730, 48.4479



15.8096, 16.1429, 17.1094



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.4683, 33.8400, 33.5170



60.3414, 55.9513, 53.7034



38.1069, 39.1171, 34.3965



8.4965, 8.5054, 8.8464



13.1371, 6.7727, 0.6149



0.4134, 0.2131, 0.0194

Inverse Universe

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



37.4416, 42.8668, 50.0170



64.6182, 75.5155, 89.4648



34.4640, 36.9116, 49.0244



8.7426, 9.6314, 10.9046



17.1381, 25.0765, 34.0740



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 35.4674, 33.8385, 33.5163 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 35.4674, 33.8385, 33.5163 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 35.4674, 33.8385, 33.5163

Background



This preview shows how black text looks on a background with the XYZ color 35.4674, 33.8385, 33.5163.



This preview shows how white text looks on a background with the XYZ color 35.4674, 33.8385,

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

35.4674, 33.8385, 33.5163

Protanopia

32.5876, 34.0241, 35.4216

Deuteranopia

34.6378, 33.8886, 33.5697



Tritanopia

36.2265, 33.6630, 37.8460

Trichromacy



Original Color

35.4674, 33.8385, 33.5163

Protanomaly

33.4538, 33.7359, 34.8855

Deuteranomaly

34.9317, 33.8002, 33.5372

Tritanomaly

36.0396, 33.8403, 36.0848

Monochromacy



Original Color

35.4674, 33.8385, 33.5163

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8256, 34.3927, 36.3081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4674, 33.8385, 33.5163 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(181, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 150, 150)  
}
```

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(181, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.4674, 33.8385, 33.5163 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(181, 150, 150) }
```


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

```
.border{ border-color:rgb(181, 150, 150) }
```

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

Here you see how a box with a 4 pixel rgb(181, 150, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4674, 33.8385, 33.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 150, 150) }
```

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

```
.background{ background-color: rgb(181,  
150, 150) }
```

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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