

Converting Colors

XYZ(34.4653, 34.0140, 34.8871)

Have a look what the booklet for
XYZ(34.4653, 34.0140, 34.8871)
contains.

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Color

**XYZ(34.3746, 33.9666,
34.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9999
RGB	173, 153, 153
RGB Percent	68%, 60%, 60%
CMY	0.3216, 0.4000, 0.4000
CMYK	0.00, 0.12, 0.12, 0.32
HSL	0°, 11%, 64%
HSV	0°, 12%, 68%
XYZ	34.3746, 33.9666, 34.8815
YIQ	158.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

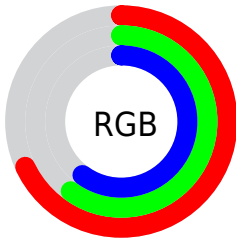
Format	Color
RYB	173, 153, 153
Decimal	11377049
CIELab	64.94, 7.37, 2.70
CIElCh	65, 7.850, 20.086
Yxy	33.9666, 0.3330, 0.3291
Android (android.graphics.Color)	4289567129 (0xFFAD9999)
YUV	158.9800, -2.9481, 12.2955
Hunter-Lab	58.2809, 3.2894, 5.3111

Details

The XYZ color **34.3746, 33.9666, 34.8815** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6232, 39.6759, 45.3163**, and the grayscale version is **32.9555, 34.6718, 37.7576**.

A 20% lighter version of the original color is **65.8884, 65.7887, 68.2573**, and **15.0348, 14.5270, 14.5819** is the 20% darker color. If you saturate the color by 10%, you get **30.4194, 28.1792, 27.0172**, and if you desaturate by 10%, it is **38.9494, 40.6607, 43.9753**.

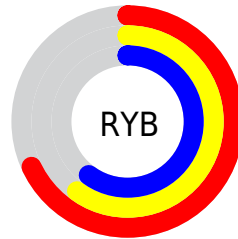
Distribution



Red (68%)

Green (60%)

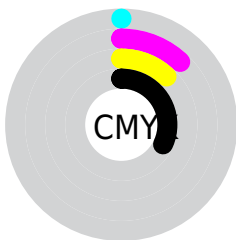
Blue (60%)



Red (68%)

Yellow (60%)

Blue (60%)

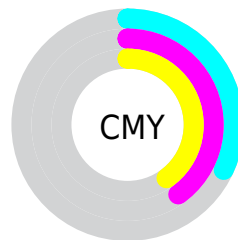


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (32%)



Cyan (32%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3746, 33.9666, 34.8815 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 34.3746, 33.9666, 34.8815 by changing the saturation by 10% instead.


 34.3746, 33.9666,
34.8815


 34.3746, 33.9666,
34.8815


313.3558,
319.9831, 338.9333

 23.3458, 22.8679,
23.2888


 65.8562, 65.8817,
68.4516

 14.9711, 14.4960,
14.5996


 87.0397, 87.4670,
91.2661

 8.8853, 8.4665,
8.3954


112.3388,
113.3166, 118.6583

 4.7230, 4.3948,
4.2576

142.1189,
143.8149, 151.0467

 2.1187, 1.8968,
1.7677

176.7452,
179.3463, 188.8499

 0.6994, 0.5465,
0.4065

216.5833,

 0.0000, 0.0000,

220.2952, 232.4863

0.0000

261.9983,
267.0460, 282.3746

■ 34.3746, 33.9666,
34.8815

■ 34.3746, 33.9666,
34.8815

■ 30.4194, 28.1792,
27.0172

■ 38.9494, 40.6607,
43.9753

■ 27.0544, 23.2553,
20.3276

■ 44.1657, 48.2934,
54.3457

■ 24.2522, 19.1549,
14.7569

■ 50.0479, 56.9006,
66.0404

■ 21.9821, 15.8331,
10.2442

■ 56.6185, 66.5149,
79.1035

■ 20.2105, 13.2407,
6.7225

■ 63.8987, 77.1674,
93.5774

■ 18.8999, 11.3228,
4.1174

■ 71.0438, 87.6243,
107.7765

■ 18.0075, 10.0169,
2.3438

■ 17.4827, 9.2488,
1.3009

■ 17.2340, 8.8849,
0.8066

Harmonies

Analogous

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



34.4790, 33.9666, 38.0689



34.3746, 33.9666, 34.8815



33.7029, 33.9666, 32.4002

Triad

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



34.3746, 33.9666, 34.8815



30.6413, 33.9666, 33.1219



31.9105, 33.9666, 43.4792

Complementary

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



34.3746, 33.9666, 34.8815



35.6232, 39.6759, 45.3163

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.



30.9060, 33.9666, 41.9807



34.3746, 33.9666, 34.8815



30.1847, 33.9666, 35.9196

Square

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



34.3746, 33.9666, 34.8815



31.5416, 33.9666, 31.4262



30.2804, 33.9666, 39.1690



33.0385, 33.9666, 43.1609

Rectangle

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



34.3746, 33.9666, 34.8815



33.0323, 33.9666, 31.4205



30.2804, 33.9666, 39.1690



31.5476, 33.9666, 43.1680

Sweetspot

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



34.3755, 33.9681, 34.8822



68.4617, 70.9272, 76.1841



36.1681, 34.6844, 44.3241



14.7313, 15.1991, 16.2644



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.3755, 33.9681, 34.8822



59.5559, 57.8957, 58.4788



36.0810, 37.3790, 35.4507



8.0054, 8.0155, 8.3386



12.6609, 6.5273, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



35.6232, 39.6759, 45.3163



62.2591, 70.2630, 81.0865



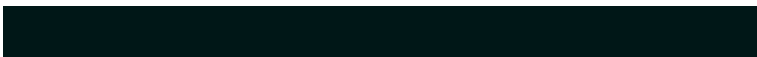
33.7774, 35.9843, 44.7010



8.2363, 9.0719, 10.2696



16.5161, 24.1660, 32.8385



0.4595, 0.6723, 0.9135

Previews

White Background



This preview shows how the XYZ color 34.3746, 33.9666, 34.8815 looks on a white background.

Color Contrast Check

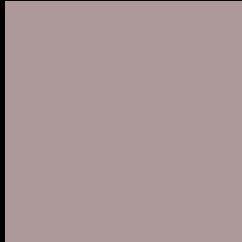
Large Text (above 18pt) WCAG AA × Fail

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 34.3746, 33.9666, 34.8815 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 34.3746, 33.9666, 34.8815

Background



This preview shows how black text looks on a background with the XYZ color 34.3746, 33.9666, 34.8815.



This preview shows how white text looks on a background with the XYZ color 34.3746, 33.9666,

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

34.3746, 33.9666, 34.8815

Protanopia

32.6713, 34.0576, 35.8622

Deuteranopia

34.6572, 33.8703, 34.8480



Tritanopia

35.1330, 33.7762, 39.3181

Trichromacy



Original Color

34.3746, 33.9666, 34.8815

Protanomaly

33.2383, 34.1094, 35.4038

Deuteranomaly

34.4336, 33.7551, 34.8375

Tritanomaly

34.9418, 33.9583, 37.5139

Monochromacy



Original Color

34.3746, 33.9666, 34.8815

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4526, 34.4408, 36.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3746, 33.9666, 34.8815 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(173, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 153)  
}
```

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(173, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.3746, 33.9666, 34.8815 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(173, 153, 153) }
```


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

```
.border{ border-color:rgb(173, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3746, 33.9666, 34.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 153) }
```

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

```
.background{ background-color: rgb(173,  
153, 153) }
```

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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