

Converting Colors

XYZ(34.5094, 34.6251, 36.0770)

Have a look what the booklet for
XYZ(34.5094, 34.6251, 36.0770)
contains.

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Color

**XYZ(34.4323, 34.4672,
35.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9B9B
RGB	171, 155, 155
RGB Percent	67%, 61%, 61%
CMY	0.3294, 0.3921, 0.3922
CMYK	0.00, 0.09, 0.09, 0.33
HSL	0°, 9%, 64%
HSV	0°, 9%, 67%
XYZ	34.4323, 34.4672, 35.8484
YIQ	159.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

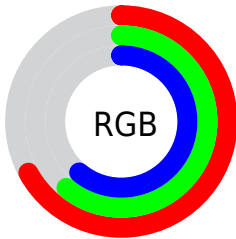
Format	Color
RYB	171, 155, 155
Decimal	11246491
CIELab	65.33, 5.87, 2.13
CIELCh	65, 6.239, 19.914
Yxy	34.4672, 0.3287, 0.3290
Android (android.graphics.Color)	4289436571 (0xFFAB9B9B)
YUV	159.7840, -2.3585, 9.8364
Hunter-Lab	58.7088, 1.9487, 4.8928

Details

The XYZ color **34.4323, 34.4672, 35.8484** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4309, 39.0338, 44.1952**, and the grayscale version is **33.3224, 35.0578, 38.1779**.

A 20% lighter version of the original color is **65.6731, 66.3731, 69.6715**, and **15.0568, 14.8220, 15.1641** is the 20% darker color. If you saturate the color by 10%, you get **30.4502, 28.6406, 27.9305**, and if you desaturate by 10%, it is **39.0226, 41.1839, 44.9733**.

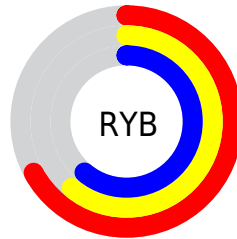
Distribution



Red (67%)

Green (61%)

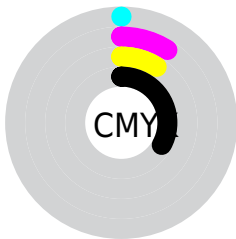
Blue (61%)



Red (67%)

Yellow (61%)

Blue (61%)

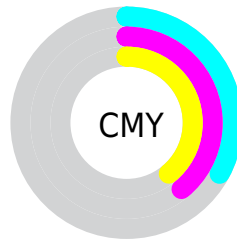


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4323, 34.4672, 35.8484 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 34.4323, 34.4672, 35.8484 by changing the saturation by 10% instead.

■ 34.4323, 34.4672,
35.8484

■ 34.4323, 34.4672,
35.8484

313.6075,
322.2103, 343.3148

■ 23.3904, 23.2527,
24.0284

■ 65.9452, 66.6595,
69.9644

■ 15.0043, 14.7802,
15.1423

■ 87.1469, 88.4062,
93.0975

■ 8.9087, 8.6653,
8.7716

112.4658,
114.4324, 120.8387

■ 4.7383, 4.5235,
4.4977

142.2675,
145.1226, 153.6065

■ 2.1277, 1.9705,
1.9022

176.9171,
180.8610, 191.8194

■ 0.7042, 0.5903,
0.4941

216.7800,

■ 0.0000, 0.0000,

222.0322, 235.8961

0.0000

262.2217,
269.0205, 286.2551

■ 34.4323, 34.4672,
35.8484

■ 34.4323, 34.4672,
35.8484

■ 30.4502, 28.6406,
27.9305

■ 39.0226, 41.1839,
44.9733

■ 27.0481, 23.6625,
21.1670

■ 44.2420, 48.8211,
55.3503

■ 24.1999, 19.4946,
15.5046

■ 50.1141, 57.4133,
67.0252

■ 21.8761, 16.0943,
10.8851

■ 56.6604, 66.9918,
80.0405

■ 20.0448, 13.4146,
7.2449

■ 63.9013, 77.5867,
94.4369

■ 18.6706, 11.4036,
4.5134

■ 70.6047, 87.3980,
107.7560

■ 17.7133, 10.0026,
2.6107

■ 17.1256, 9.1425,
1.4430

■ 16.8131, 8.6850,
0.8218

Harmonies

Analogous

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



34.5125, 34.4672, 38.4131



34.4323, 34.4672, 35.8484



33.8994, 34.4672, 33.8253

Triad

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



34.4323, 34.4672, 35.8484



31.4399, 34.4672, 34.3946



32.4547, 34.4672, 42.6802

Complementary

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



34.4323, 34.4672, 35.8484



35.4309, 39.0338, 44.1952

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.



31.6465, 34.4672, 41.4935



34.4323, 34.4672, 35.8484



31.0679, 34.4672, 36.6584

Square

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



34.4323, 34.4672, 35.8484



32.1679, 34.4672, 33.0132



31.1428, 34.4672, 39.2612



33.3594, 34.4672, 42.4387

Rectangle

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



34.4323, 34.4672, 35.8484



33.3645, 34.4672, 33.0180



31.1428, 34.4672, 39.2612



32.1630, 34.4672, 42.4331

Sweetspot

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



34.4333, 34.4687, 35.8491



66.7194, 69.1229, 74.2467



35.8670, 35.0413, 43.4016



14.7314, 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.



34.4333, 34.4687, 35.8491



60.2765, 59.6955, 61.4374



35.8085, 37.2193, 36.3076



8.0054, 8.0156, 8.3386



12.6610, 6.5275, 0.5926



0.3523, 0.1817, 0.0165

Inverse Universe

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



35.4309, 39.0338, 44.1952



62.3879, 69.3569, 79.1009



33.9659, 36.1037, 43.7069



8.2362, 9.0718, 10.2696



16.5148, 24.1634, 32.8381



0.4595, 0.6723, 0.9135

Previews

White Background



This preview shows how the XYZ color 34.4323, 34.4672, 35.8484 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 34.4323, 34.4672, 35.8484 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 34.4323, 34.4672, 35.8484

Background



This preview shows how black text looks on a background with the XYZ color 34.4323, 34.4672, 35.8484.



This preview shows how white text looks on a background with the XYZ color 34.4323, 34.4672,

35.8484.

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

34.4323, 34.4672, 35.8484

Protanopia

33.2130, 34.5694, 36.8203

Deuteranopia

34.9868, 34.2630, 35.7798



Tritanopia

35.1960, 34.2697, 40.3570

Trichromacy



Original Color

34.4323, 34.4672, 35.8484

Protanomaly

33.5748, 34.5136, 36.3447

Deuteranomaly

34.9276, 34.4764, 35.8241

Tritanomaly

35.0019, 34.4551, 38.5239

Monochromacy



Original Color

34.4323, 34.4672, 35.8484

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7083, 34.8149, 37.2911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4323, 34.4672, 35.8484 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(171, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 155, 155)  
}
```

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(171, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.4323, 34.4672, 35.8484 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(171, 155, 155) }
```


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

```
.border{ border-color:rgb(171, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4323, 34.4672, 35.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 155) }
```

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

```
.background{ background-color: rgb(171,  
155, 155) }
```

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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