

Converting Colors

XYZ(34.0435, 35.3808, 30.6515)

Have a look what the booklet for
XYZ(34.0435, 35.3808, 30.6515)
contains.

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Color

**XYZ(34.0752, 35.4072,
30.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9F8E
RGB	171, 159, 142
RGB Percent	67%, 62%, 56%
CMY	0.3294, 0.3765, 0.4431
CMYK	0.00, 0.07, 0.17, 0.33
HSL	35°, 15%, 61%
HSV	35°, 17%, 67%
XYZ	34.0752, 35.4072, 30.6295
YIQ	160.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

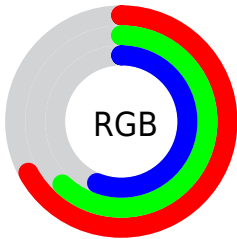
Format	Color
R_{YB}	162, 171, 142
Decimal	11247502
CIE _{Lab}	66.06, 1.47, 10.44
CIE _{LCh}	66, 10.548, 81.981
Yxy	35.4072, 0.3404, 0.3537
Android (android.graphics.Color)	4289437582 (0xFFAB9F8E)
YUV	160.6500, -9.1944, 9.0770
Hunter-Lab	59.5039, -1.9131, 11.1334

Details

The XYZ color **34.0752, 35.4072, 30.6295** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0614, 31.8015, 43.0822**, and the grayscale version is **33.7519, 35.5096, 38.6699**.

A 20% lighter version of the original color is **65.3744, 68.2474, 61.9520**, and **14.9021, 15.4198, 12.3161** is the 20% darker color. If you saturate the color by 10%, you get **31.7070, 32.5701, 23.9845**, and if you desaturate by 10%, it is **36.7119, 38.4656, 38.3367**.

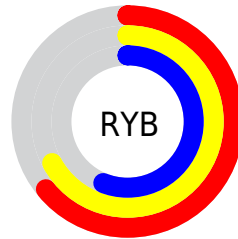
Distribution



Red (67%)

Green (62%)

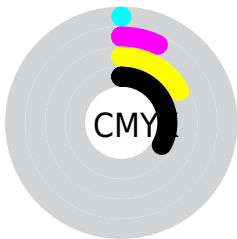
Blue (56%)



Red (64%)

Yellow (67%)

Blue (56%)

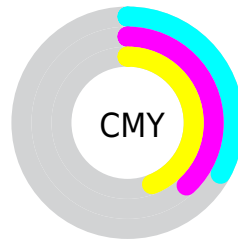


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0752, 35.4072, 30.6295 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 34.0752, 35.4072, 30.6295 by changing the saturation by 10% instead.


 34.0752, 35.4072,
30.6295


 34.0752, 35.4072,
30.6295


312.0473,
326.3621, 319.1259


 23.1145, 23.9767,
20.0608


 65.3941, 68.1161,
61.7290

 14.7993, 15.3163,
12.2547


 86.4831, 90.1633,
83.0969

 8.7640, 9.0417,
6.7928


 111.6788,
116.5182, 108.9016

 4.6435, 4.7684,
3.2564

141.3468,
147.5652, 139.5616

 2.0722, 2.1120,
1.2270

175.8522,
183.6887, 175.4955

 0.6740, 0.6714,
0.0008

215.5605,

 0.0000, 0.0000,

225.2731, 217.1218

0.0000

260.8371,
272.7027, 264.8591

■ 34.0752, 35.4072,
30.6295

■ 34.0752, 35.4072,
30.6295

■ 31.7070, 32.5701,
23.9845

■ 36.7119, 38.4656,
38.3367

■ 29.5944, 29.9435,
18.3518

■ 39.6238, 41.7460,
47.1482

■ 27.7275, 27.5229,
13.6811

■ 42.8209, 45.2554,
57.1068

■ 26.0946, 25.3016,
9.9167

■ 46.3116, 48.9990,
68.2522

■ 24.6829, 23.2725,
6.9971

■ 50.1041, 52.9817,
80.6222

■ 23.4779, 21.4278,
4.8530

■ 54.2064, 57.2083,
94.2529

■ 22.4632, 19.7587,
3.4042

■ 57.5278, 61.2442,
103.3970

■ 21.6153, 18.2537,
2.5334

■ 59.2969, 64.7823,
103.9867

■ 21.3771, 17.8228,
2.3134

■ 61.1439, 68.4764,
104.6024

Harmonies

Analogous

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



35.5420, 35.4072, 32.1511



34.0752, 35.4072, 30.6295



32.5392, 35.4072, 31.0972

Triad

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



34.0752, 35.4072, 30.6295



30.9383, 35.4072, 41.8705



36.0814, 35.4072, 44.1104

Complementary

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



34.0752, 35.4072, 30.6295



30.0614, 31.8015, 43.0822

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.



34.7930, 35.4072, 47.1131



34.0752, 35.4072, 30.6295



31.8331, 35.4072, 45.7516

Square

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



34.0752, 35.4072, 30.6295



30.7595, 35.4072, 37.3621



33.2353, 35.4072, 47.7358



36.7235, 35.4072, 39.7677

Rectangle

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



34.0752, 35.4072, 30.6295



31.6797, 35.4072, 32.4918



33.2353, 35.4072, 47.7358



35.7076, 35.4072, 45.3234

Sweetspot

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



34.0762, 35.4088, 30.6303



66.6860, 69.9575, 71.4572



32.3076, 30.3403, 34.7621



14.7945, 15.5135, 15.7057



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.



34.0762, 35.4088, 30.6303



59.5351, 61.6457, 50.6072



35.7186, 39.4681, 31.3272



8.3807, 8.7662, 8.4637



16.1679, 13.5413, 1.7616



0.5020, 0.4812, 0.0664

Inverse Universe

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



30.0614, 31.8015, 43.0822



51.1084, 54.0747, 76.7457



28.5986, 28.2537, 42.4745



7.8409, 8.2811, 10.1379



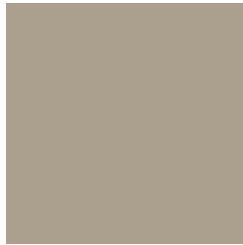
7.2769, 5.6876, 29.7588



0.2572, 0.2678, 0.8461

Previews

White Background



This preview shows how the XYZ color 34.0752, 35.4072, 30.6295 looks on a white background.

Color Contrast Check

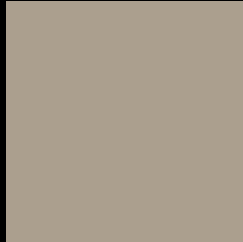
Large Text (above 18pt) WCAG AA × Fail

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 34.0752, 35.4072, 30.6295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

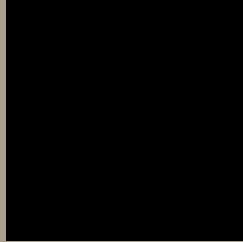
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0752, 35.4072, 30.6295

Background



This preview shows how black text looks on a background with the XYZ color 34.0752, 35.4072, 30.6295.

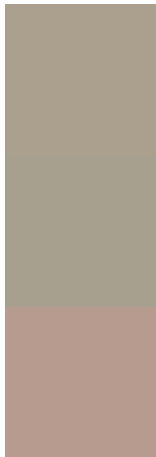


This preview shows how white text looks on a background with the XYZ color 34.0752, 35.4072,

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

34.0752, 35.4072, 30.6295

Protanopia

33.6772, 35.4496, 31.0541

Deuteranopia

36.2077, 35.4931, 30.9291



Tritanopia

36.1520, 35.2314, 41.4541

Trichromacy



Original Color

34.0752, 35.4072, 30.6295

Protanomaly

33.8909, 35.5598, 31.0641

Deuteranomaly

35.4368, 35.3438, 30.9409

Tritanomaly

35.2936, 35.1298, 37.2683

Monochromacy



Original Color

34.0752, 35.4072, 30.6295

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9206, 35.4740, 35.6312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0752, 35.4072, 30.6295 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, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 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(171, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.0752, 35.4072, 30.6295 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, 159, 142) }
```


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

```
.border{ border-color:rgb(171, 159, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0752, 35.4072, 30.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 142) }
```

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

```
.background{ background-color: rgb(171,  
159, 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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