

Converting Colors

XYZ(33.5083, 34.0476, 33.2395)

Have a look what the booklet for
XYZ(33.5083, 34.0476, 33.2395)
contains.

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Color

**XYZ(33.5083, 34.0476,
33.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	A99B95
RGB	169, 155, 149
RGB Percent	66%, 61%, 58%
CMY	0.3373, 0.3921, 0.4157
CMYK	0.00, 0.08, 0.12, 0.34
HSL	18°, 10%, 62%
HSV	18°, 12%, 66%
XYZ	33.5083, 34.0476, 33.2395
YIQ	158.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

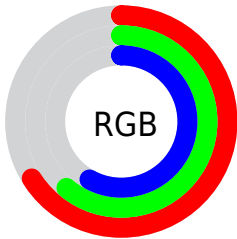
Format	Color
R_{YB}	169, 158, 149
Decimal	11115413
CIE Lab	65.00, 4.08, 4.99
CIE LCh	65, 6.443, 50.740
Yxy	34.0476, 0.3324, 0.3378
Android (android.graphics.Color)	4289305493 (0xFFA99B95)
YUV	158.5020, -4.6845, 9.2067
Hunter-Lab	58.3503, 0.3925, 7.0704

Details

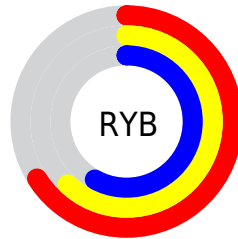
The XYZ color **33.5083, 34.0476, 33.2395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6529, 35.4477, 42.6575**, and the grayscale version is **32.7456, 34.4509, 37.5170**.

A 20% lighter version of the original color is **64.3204, 65.7600, 65.8028**, and **14.4910, 14.5644, 13.6027** is the 20% darker color. If you saturate the color by 10%, you get **30.3831, 29.8018, 26.0170**, and if you desaturate by 10%, it is **37.0240, 38.7603, 41.5590**.

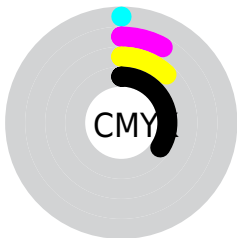
Distribution



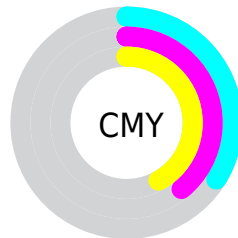
- Red (66%)
- Green (61%)
- Blue (58%)



- Red (66%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5083, 34.0476, 33.2395 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 33.5083, 34.0476, 33.2395 by changing the saturation by 10% instead.

■ 33.5083, 34.0476,
33.2395

■ 33.5083, 34.0476,
33.2395

309.5586,
320.3442, 331.3926

■ 22.6772, 22.9302,
22.0374

■ 64.5177, 66.0077,
65.8696

■ 14.4747, 14.5420,
13.6858

■ 85.4267, 87.6191,
88.1346

■ 8.5355, 8.4986,
7.7662

110.4257,
113.4974, 114.9243

■ 4.4941, 4.4156,
3.8601

139.8801,
144.0268, 146.6573

■ 1.9853, 1.9086,
1.5489

174.1553,
179.5918, 183.7521

■ 0.6257, 0.5536,
0.2540

213.6165,

■ 0.0000, 0.0000,

220.5768, 226.6272

0.0000

258.6292,
267.3661, 275.7012

■ 33.5083, 34.0476,
33.2395

■ 33.5083, 34.0476,
33.2395

■ 30.3831, 29.8018,
26.0170

■ 37.0240, 38.7603,
41.5590

■ 27.6317, 26.0042,
19.8433

■ 40.9407, 43.9493,
51.0166

■ 25.2403, 22.6409,
14.6697

■ 45.2717, 49.6291,
61.6540

■ 23.1930, 19.6961,
10.4429

■ 50.0290, 55.8124,
73.5101

■ 21.4728, 17.1526,
7.1046

■ 55.2242, 62.5114,
86.6221

■ 20.0610, 14.9921,
4.5897

■ 60.8683, 69.7377,
101.0255

■ 18.9369, 13.1947,
2.8245

■ 64.9273, 76.6850,
105.9874

■ 18.0764, 11.7385,
1.7214

■ 68.4808, 83.7920,
107.1719

■ 17.5343, 10.7790,
1.1564

■ 70.1723, 87.1751,
107.7357

Harmonies

Analogous

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



34.0658, 34.0476, 35.2846



33.5083, 34.0476, 33.2395



32.6504, 34.0476, 32.2351

Triad

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



33.5083, 34.0476, 33.2395



30.6250, 34.0476, 36.2525



32.9998, 34.0476, 42.0805

Complementary

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



33.5083, 34.0476, 33.2395



32.6529, 35.4477, 42.6575

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.



32.0738, 34.0476, 42.3702



33.5083, 34.0476, 33.2395



30.7145, 34.0476, 38.9189

Square

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



33.5083, 34.0476, 33.2395



30.9938, 34.0476, 33.9189



31.2406, 34.0476, 41.1884



33.7683, 34.0476, 40.4148

Rectangle

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



33.5083, 34.0476, 33.2395



32.0285, 34.0476, 32.2560



31.2406, 34.0476, 41.1884



32.6962, 34.0476, 42.3450

Sweetspot

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



33.5092, 34.0491, 33.2402



64.8373, 67.4557, 70.9212



33.7208, 32.5747, 39.1609



14.0289, 14.5651, 15.2133



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.5092, 34.0491, 33.2402



58.5970, 59.0663, 56.2282



35.2425, 37.5155, 33.8180



7.7079, 7.8958, 7.9071



13.1101, 8.1174, 0.8758



0.3632, 0.2859, 0.0360

Inverse Universe

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



32.6529, 35.4477, 42.6575



56.7799, 62.0327, 76.2060



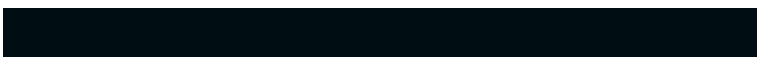
30.9475, 32.0370, 42.0890



7.5546, 8.1462, 9.5925



10.2381, 11.9365, 29.7398



0.2906, 0.3735, 0.7374

Previews

White Background



This preview shows how the XYZ color 33.5083, 34.0476, 33.2395 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 33.5083, 34.0476, 33.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

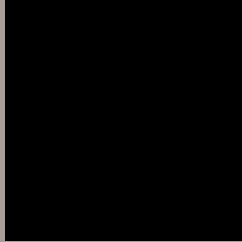
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5083, 34.0476, 33.2395

Background



This preview shows how black text looks on a background with the XYZ color 33.5083, 34.0476, 33.2395.



This preview shows how white text looks on a background with the XYZ color 33.5083, 34.0476,

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

33.5083, 34.0476, 33.2395

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

34.6378, 33.8886, 33.5697



Tritanopia

34.9774, 34.1570, 40.3468

Trichromacy



Original Color

33.5083, 34.0476, 33.2395

Protanomaly

32.9105, 33.9783, 33.6781

Deuteranomaly

34.1298, 33.8687, 33.5926

Tritanomaly

34.3912, 34.1605, 37.5819

Monochromacy



Original Color

33.5083, 34.0476, 33.2395

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2475, 34.6068, 35.9378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5083, 34.0476, 33.2395 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(169, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 149)  
}
```

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(169, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.5083, 34.0476, 33.2395 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(169, 155, 149) }
```


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

```
.border{ border-color:rgb(169, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5083, 34.0476, 33.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 149) }
```

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

```
.background{ background-color: rgb(169,  
155, 149) }
```

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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