

Converting Colors

XYZ(33.5817, 34.3158, 33.6180)

Have a look what the booklet for
XYZ(33.5817, 34.3158, 33.6180)
contains.

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Color

**XYZ(33.5419, 34.3038,
33.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	A89C96
RGB	168, 156, 150
RGB Percent	66%, 61%, 59%
CMY	0.3412, 0.3882, 0.4118
CMYK	0.00, 0.07, 0.11, 0.34
HSL	20°, 9%, 62%
HSV	20°, 11%, 66%
XYZ	33.5419, 34.3038, 33.7076
YIQ	158.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

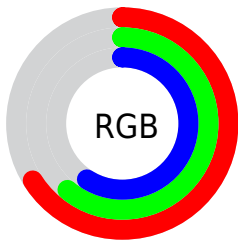
Format	Color
RYB	168, 159, 150
Decimal	11050134
CIELab	65.20, 3.32, 4.71
CIELCh	65, 5.763, 54.799
Yxy	34.3038, 0.3303, 0.3378
Android (android.graphics.Color)	4289240214 (0xFFA89C96)
YUV	158.9040, -4.3897, 7.9772
Hunter-Lab	58.5694, -0.2721, 6.8763

Details

The XYZ color **33.5419, 34.3038, 33.7076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5657, 35.1510, 42.1144**, and the grayscale version is **32.9281, 34.6429, 37.7261**.

A 20% lighter version of the original color is **64.3771, 66.1408, 66.5002**, and **14.5062, 14.7170, 13.8805** is the 20% darker color. If you saturate the color by 10%, you get **30.4921, 30.2159, 26.4884**, and if you desaturate by 10%, it is **36.9608, 38.8187, 42.0077**.

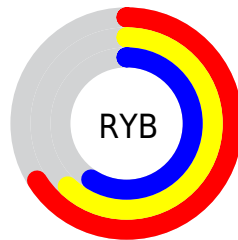
Distribution



Red (66%)

Green (61%)

Blue (59%)



Red (66%)

Yellow (62%)

Blue (59%)

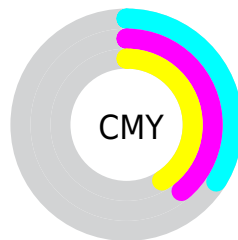


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5419, 34.3038, 33.7076 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 33.5419, 34.3038, 33.7076 by changing the saturation by 10% instead.

■ 33.5419, 34.3038,
33.7076

■ 33.5419, 34.3038,
33.7076

309.7065,
321.4846, 333.5555

■ 22.7031, 23.1271,
22.3935

■ 64.5697, 66.4058,
66.6074

■ 14.4939, 14.6874,
13.9453

■ 85.4894, 88.0999,
89.0302

■ 8.5490, 8.6003,
7.9443

110.5001,
114.0686, 115.9930

■ 4.5029, 4.4814,
3.9721

139.9672,
144.6963, 147.9143

■ 1.9904, 1.9463,
1.6100

174.2561,
180.3673, 185.2126

■ 0.6286, 0.5760,
0.2980

213.7320,

■ 0.0000, 0.0000,

221.4661, 228.3066

0.0000

258.7604,
268.3771, 277.6147

■ 33.5419, 34.3038,
33.7076

■ 33.5419, 34.3038,
33.7076

■ 30.4921, 30.2159,
26.4884

■ 36.9608, 38.8187,
42.0077

■ 27.7957, 26.5380,
20.3029

■ 40.7582, 43.7683,
51.4285

■ 25.4400, 23.2582,
15.1040

■ 44.9467, 49.1654,
62.0107

■ 23.4103, 20.3626,
10.8399

■ 49.5372, 55.0213,
73.7923

■ 21.6910, 17.8365,
7.4539

■ 54.5406, 61.3467,
86.8094

■ 20.2649, 15.6637,
4.8833

■ 59.9670, 68.1518,
101.0968

■ 19.1127, 13.8272,
3.0568

■ 63.7303, 74.6084,
105.6497

■ 18.2125, 12.3079,
1.8905

■ 67.0264, 81.2006,
106.7484

■ 17.5643, 11.1563,
1.2276

■ 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



34.0886, 34.3038, 35.4497



33.5419, 34.3038, 33.7076



32.7509, 34.3038, 32.9436

Triad

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



33.5419, 34.3038, 33.7076



31.0271, 34.3038, 36.9345



33.2849, 34.3038, 41.6962

Complementary

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



33.5419, 34.3038, 33.7076



32.5657, 35.1510, 42.1144

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.



32.4590, 34.3038, 42.1350



33.5419, 34.3038, 33.7076



31.1645, 34.3038, 39.3191

Square

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



33.5419, 34.3038, 33.7076



31.3064, 34.3038, 34.7549



31.6852, 34.3038, 41.2479



33.9385, 34.3038, 40.0733

Rectangle

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



33.5419, 34.3038, 33.7076



32.1951, 34.3038, 33.0669



31.6852, 34.3038, 41.2479



33.0178, 34.3038, 41.9900

Sweetspot

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



33.5428, 34.3053, 33.7083



65.5575, 68.4543, 72.5230



33.5767, 32.7466, 38.7338



14.1796, 14.7765, 15.5407



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.



33.5428, 34.3053, 33.7083



59.4084, 60.3064, 57.6789



35.1089, 37.4374, 34.2303



7.7279, 7.9359, 7.9138



13.3067, 8.5108, 0.9414



0.3705, 0.3007, 0.0385

Inverse Universe

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



32.5657, 35.1510, 42.1144



57.2542, 62.1699, 76.2075



31.0372, 32.0941, 41.6049



7.5336, 8.1041, 9.5855



9.7588, 10.9777, 29.5801



0.2815, 0.3553, 0.7344

Previews

White Background



This preview shows how the XYZ color 33.5419, 34.3038, 33.7076 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 33.5419, 34.3038, 33.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

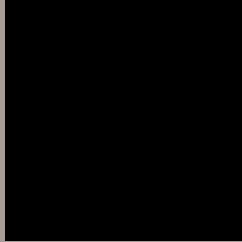
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5419, 34.3038, 33.7076

Background



This preview shows how black text looks on a background with the XYZ color 33.5419, 34.3038, 33.7076.



This preview shows how white text looks on a background with the XYZ color 33.5419, 34.3038,

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

33.5419, 34.3038, 33.7076

Protanopia

32.9170, 34.4746, 34.1975

Deuteranopia

34.8816, 34.2469, 34.0500



Tritanopia

35.0161, 34.4104, 40.8727

Trichromacy



Original Color

33.5419, 34.3038, 33.7076

Protanomaly

33.1599, 34.3476, 34.1602

Deuteranomaly

34.3751, 34.2298, 34.0734

Tritanomaly

34.4287, 34.4158, 38.0860

Monochromacy



Original Color

33.5419, 34.3038, 33.7076

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.1279, 34.5354, 36.3725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5419, 34.3038, 33.7076 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(168, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(168, 156, 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(168, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 156, 150) }
```

Border

The CSS property to change the border of an element to XYZ 33.5419, 34.3038, 33.7076 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(168, 156, 150) }
```


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

```
.border{ border-color:rgb(168, 156, 150) }
```

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

Here you see how a box with a 4 pixel rgb(168, 156, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(168, 156,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5419, 34.3038, 33.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 156, 150) }
```

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

```
.background{ background-color: rgb(168,  
156, 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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