

Converting Colors

XYZ(33.5293, 34.3773, 26.5285)

Have a look what the booklet for
XYZ(33.5293, 34.3773, 26.5285)
contains.

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Color

**XYZ(33.5089, 34.4415,
26.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9C84
RGB	174, 156, 132
RGB Percent	68%, 61%, 52%
CMY	0.3176, 0.3882, 0.4823
CMYK	0.00, 0.10, 0.24, 0.32
HSL	34°, 21%, 60%
HSV	34°, 24%, 68%
XYZ	33.5089, 34.4415, 26.7116
YIQ	158.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

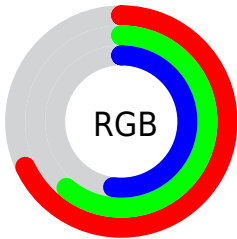
Format	Color
RYB	164, 174, 132
Decimal	11443332
CIELab	65.31, 2.74, 14.99
CIELCh	65, 15.239, 79.648
Yxy	34.4415, 0.3540, 0.3638
Android (android.graphics.Color)	4289633412 (0xFFAE9C84)
YUV	158.6460, -13.1365, 13.4655
Hunter-Lab	58.6869, -0.7825, 14.0947

Details

The XYZ color **33.5089, 34.4415, 26.7116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0620, 29.7736, 44.3125**, and the grayscale version is **32.8459, 34.5564, 37.6320**.

A 20% lighter version of the original color is **64.4367, 66.4190, 55.3229**, and **14.4597, 14.7773, 10.0728** is the 20% darker color. If you saturate the color by 10%, you get **31.2034, 31.5796, 20.5505**, and if you desaturate by 10%, it is **36.0916, 37.5396, 33.9457**.

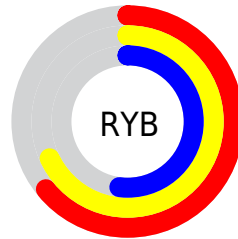
Distribution



Red (68%)

Green (61%)

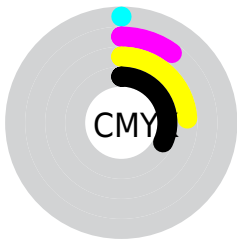
Blue (52%)



Red (64%)

Yellow (68%)

Blue (52%)

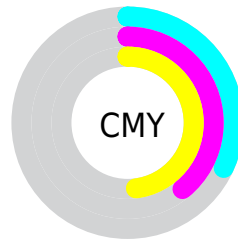


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5089, 34.4415, 26.7116 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 33.5089, 34.4415, 26.7116 by changing the saturation by 10% instead.

■ 33.5089, 34.4415,
26.7116

■ 33.5089, 34.4415,
26.7116

309.5613,
322.0962, 299.9739

■ 22.6777, 23.2330,
17.1262

■ 64.5186, 66.6197,
55.4188

■ 14.4751, 14.7656,
10.1616

■ 85.4278, 88.3581,
75.3778

■ 8.5357, 8.6551,
5.3992

■ 110.4271,
114.3752, 99.6316

■ 4.4943, 4.5169,
2.4206

139.8817,
145.0556, 128.5990

■ 1.9854, 1.9667,
0.7976

174.1571,
180.7834, 162.6983

■ 0.6257, 0.5880,
0.0000

213.6186,

■ 0.0000, 0.0000,

221.9432, 202.3482

0.0000

258.6315,
268.9194, 247.9672

■ 33.5089, 34.4415,
26.7116

■ 33.5089, 34.4415,
26.7116

■ 31.2034, 31.5796,
20.5505

■ 36.0916, 37.5396,
33.9457

■ 29.1613, 28.9426,
15.4081

■ 38.9594, 40.8754,
42.2995

■ 27.3713, 26.5249,
11.2282

■ 42.1230, 44.4568,
51.8192

■ 25.8203, 24.3190,
7.9485

■ 45.5918, 48.2893,
62.5480

■ 24.4935, 22.3165,
5.4993

■ 49.3747, 52.3786,
74.5267

■ 23.3744, 20.5084,
3.8003

■ 53.4803, 56.7300,
87.7945

■ 22.4431, 18.8842,
2.7551

■ 57.9168, 61.3486,
102.3885

■ 21.9596, 18.0065,
2.3182

■ 59.9721, 65.1517,
104.0224

■ 61.9218, 69.0510,
104.6723

Harmonies

Analogous

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



35.5789, 34.4415, 28.9322



33.5089, 34.4415, 26.7116



31.3207, 34.4415, 27.1228

Triad

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



33.5089, 34.4415, 26.7116



28.8767, 34.4415, 41.7649



36.0987, 34.4415, 45.9892

Complementary

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



33.5089, 34.4415, 26.7116



28.0620, 29.7736, 44.3125

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.



34.1925, 34.4415, 50.2370



33.5089, 34.4415, 26.7116



30.0480, 34.4415, 47.6137

Square

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



33.5089, 34.4415, 26.7116



28.7122, 34.4415, 35.3462



31.9743, 34.4415, 50.8630



37.1183, 34.4415, 39.7416

Rectangle

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



33.5089, 34.4415, 26.7116



30.0860, 34.4415, 28.8511



31.9743, 34.4415, 50.8630



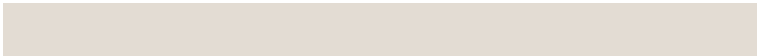
35.5364, 34.4415, 47.7269

Sweetspot

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



33.5098, 34.4431, 26.7123



69.0593, 72.2905, 71.9834



31.2284, 27.7101, 32.6418



15.2810, 15.9885, 15.7994



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.5098, 34.4431, 26.7123



58.4733, 59.6319, 42.2087



36.1394, 40.6188, 27.7658



8.3709, 8.7465, 8.4604



15.9871, 13.1797, 1.7013



0.4976, 0.4724, 0.0650

Inverse Universe

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



28.0620, 29.7736, 44.3125



46.8533, 49.6743, 79.7555



25.8512, 24.6934, 43.4485



7.8505, 8.3004, 10.1411



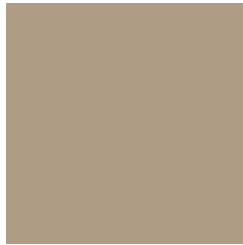
7.4012, 5.9362, 29.8002



0.2609, 0.2751, 0.8473

Previews

White Background



This preview shows how the XYZ color 33.5089, 34.4415, 26.7116 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 33.5089, 34.4415, 26.7116 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 33.5089, 34.4415, 26.7116

Background



This preview shows how black text looks on a background with the XYZ color 33.5089, 34.4415, 26.7116.



This preview shows how white text looks on a background with the XYZ color 33.5089, 34.4415,

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

33.5089, 34.4415, 26.7116

Protanopia

32.3968, 34.3627, 27.1155

Deuteranopia

35.1533, 34.5432, 27.0050



Tritanopia

36.1992, 34.5658, 39.4143

Trichromacy



Original Color

33.5089, 34.4415, 26.7116

Protanomaly

32.8682, 34.3534, 27.0888

Deuteranomaly

34.6116, 34.5080, 27.0268

Tritanomaly

35.1902, 34.3966, 34.4902

Monochromacy



Original Color

33.5089, 34.4415, 26.7116

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9615, 34.5162, 33.3588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5089, 34.4415, 26.7116 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(174, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 132)  
}
```

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(174, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 132) }
```

Border

The CSS property to change the border of an element to XYZ 33.5089, 34.4415, 26.7116 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(174, 156, 132) }
```


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

```
.border{ border-color:rgb(174, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5089, 34.4415, 26.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 132) }
```

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

```
.background{ background-color: rgb(174,  
156, 132) }
```

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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