

Converting Colors

XYZ(33.6775, 35.3858, 33.5622)

Have a look what the booklet for
XYZ(33.6775, 35.3858, 33.5622)
contains.

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Color

**XYZ(33.7215, 35.4185,
33.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A095
RGB	166, 160, 149
RGB Percent	65%, 63%, 58%
CMY	0.3490, 0.3725, 0.4157
CMYK	0.00, 0.04, 0.10, 0.35
HSL	39°, 9%, 62%
HSV	39°, 10%, 65%
XYZ	33.7215, 35.4185, 33.4929
YIQ	160.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

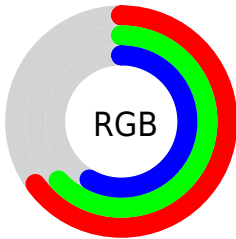
Format	Color
R_{YB}	158, 166, 149
Decimal	10920085
CIE _{Lab}	66.07, 0.20, 6.50
CIE _{LCh}	66, 6.500, 88.232
Yxy	35.4185, 0.3286, 0.3451
Android (android.graphics.Color)	4289110165 (0xFFA6A095)
YUV	160.5400, -5.6892, 4.7884
Hunter-Lab	59.5134, -3.0069, 8.2923

Details

The XYZ color **33.7215, 35.4185, 33.4929** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9987, 32.5849, 40.7325**, and the grayscale version is **33.6870, 35.4413, 38.5956**.

A 20% lighter version of the original color is **64.8987, 68.2848, 66.2597**, and **14.6127, 15.3965, 13.7569** is the 20% darker color. If you saturate the color by 10%, you get **31.4985, 32.9442, 26.6727**, and if you desaturate by 10%, it is **36.1832, 38.0672, 41.3256**.

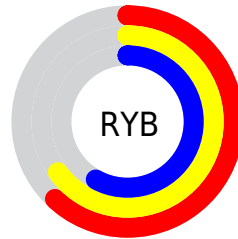
Distribution



Red (65%)

Green (63%)

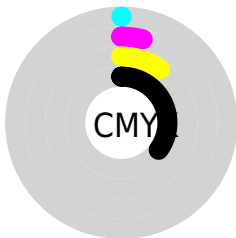
Blue (58%)



Red (62%)

Yellow (65%)

Blue (58%)

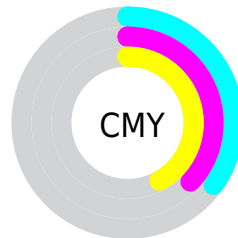


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (35%)



Cyan (35%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7215, 35.4185, 33.4929 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 33.7215, 35.4185, 33.4929 by changing the saturation by 10% instead.


 33.7215, 35.4185,
33.4929


 33.7215, 35.4185,
33.4929


310.4963,
326.4117, 332.5648

 22.8416, 23.9854,
22.2301

 64.8475, 68.1336,
66.2692

 14.5966, 15.3228,
13.8261

 85.8243, 90.1844,
88.6197

 8.6213, 9.0463,
7.8625


110.8975,
116.5432, 115.5032

 4.5501, 4.7714,
3.9206

140.4324,
147.5945, 147.3383

 2.0178, 2.1137,
1.5819

174.7944,
183.7226, 184.5435

 0.6439, 0.6723,
0.2778

214.3488,

 0.0000, 0.0000,

225.3119, 227.5373

0.0000

259.4610,
272.7468, 276.7382

■ 33.7215, 35.4185,
33.4929

■ 33.7215, 35.4185,
33.4929

■ 31.4985, 32.9442,
26.6727

■ 36.1832, 38.0672,
41.3256

■ 29.5027, 30.6351,
20.8206

■ 38.8889, 40.8898,
50.2080

■ 27.7259, 28.4879,
15.8922

■ 41.8471, 43.8919,
60.1784

■ 26.1582, 26.4978,
11.8390

■ 45.0652, 47.0776,
71.2725

■ 24.7888, 24.6592,
8.6076

■ 48.5504, 50.4505,
83.5242

■ 23.6060, 22.9663,
6.1390

■ 52.3091, 54.0144,
96.9660

■ 22.5962, 21.4126,
4.3663

■ 54.6615, 57.0980,
102.7478

■ 21.7438, 19.9905,
3.2106

■ 56.0527, 59.8804,
103.2115

■ 21.0300, 18.7150,
2.5039

■ 57.4966, 62.7681,
103.6928

Harmonies

Analogous

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



34.6507, 35.4185, 34.2205



33.7215, 35.4185, 33.4929



32.7940, 35.4185, 34.0694

Triad

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



33.7215, 35.4185, 33.4929



32.0556, 35.4185, 41.1338



35.2667, 35.4185, 41.4309

Complementary

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



33.7215, 35.4185, 33.4929



30.9987, 32.5849, 40.7325

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.



34.5497, 35.4185, 43.4391



33.7215, 35.4185, 33.4929



32.6967, 35.4185, 43.2618

Square

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



33.7215, 35.4185, 33.4929



31.8433, 35.4185, 38.4010



33.6070, 35.4185, 44.1243



35.5533, 35.4185, 38.7289

Rectangle

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



33.7215, 35.4185, 33.4929



32.2990, 35.4185, 35.1319



33.6070, 35.4185, 44.1243



35.0673, 35.4185, 42.2142

Sweetspot

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



33.7225, 35.4201, 33.4937



64.3669, 67.7033, 70.8101



32.4098, 31.9768, 35.5776



14.3237, 15.0648, 15.5887



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.



33.7225, 35.4201, 33.4937



60.3687, 63.3682, 58.1899



34.3163, 37.3070, 33.8266



7.9208, 8.3217, 7.9781



16.3527, 14.6026, 1.9567



0.4432, 0.4460, 0.0627

Inverse Universe

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



30.9987, 32.5849, 40.7325



54.5471, 57.3088, 73.6620



30.4429, 30.8534, 40.4276



7.3402, 7.7174, 9.5211



6.5731, 4.6064, 28.5182



0.2080, 0.2082, 0.7099

Previews

White Background



This preview shows how the XYZ color 33.7215, 35.4185, 33.4929 looks on a white background.

Color Contrast Check

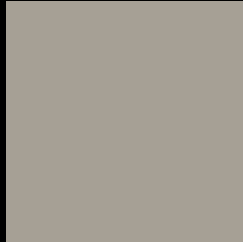
Large Text (above 18pt) WCAG AA × Fail

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 33.7215, 35.4185, 33.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

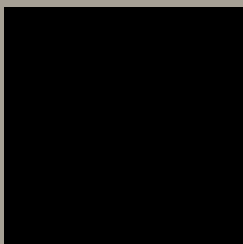
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

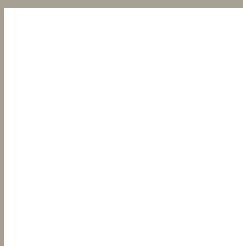
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.7215, 35.4185, 33.4929

Background



This preview shows how black text looks on a background with the XYZ color 33.7215, 35.4185, 33.4929.



This preview shows how white text looks on a background with the XYZ color 33.7215, 35.4185,

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

33.7215, 35.4185, 33.4929

Protanopia

33.7215, 35.4185, 33.4929

Deuteranopia

36.0488, 35.3480, 33.7770



Tritanopia

35.5806, 35.4135, 42.4963

Trichromacy



Original Color

33.7215, 35.4185, 33.4929

Protanomaly

33.7215, 35.4185, 33.4929

Deuteranomaly

35.2412, 35.4299, 33.8354

Tritanomaly

34.8969, 35.3872, 39.1736

Monochromacy



Original Color

33.7215, 35.4185, 33.4929

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9349, 35.7106, 37.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7215, 35.4185, 33.4929 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(166, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(166, 160, 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(166, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 160, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.7215, 35.4185, 33.4929 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(166, 160, 149) }
```


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

```
.border{ border-color:rgb(166, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(166, 160,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7215, 35.4185, 33.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 160, 149) }
```

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

```
.background{ background-color: rgb(166,  
160, 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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