

Converting Colors

XYZ(33.4987, 34.4867, 30.9464)

Have a look what the booklet for
XYZ(33.4987, 34.4867, 30.9464)
contains.

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Color

**XYZ(33.5925, 34.6432,
30.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9D8F
RGB	170, 157, 143
RGB Percent	67%, 62%, 56%
CMY	0.3333, 0.3843, 0.4392
CMYK	0.00, 0.08, 0.16, 0.33
HSL	31°, 14%, 61%
HSV	31°, 16%, 67%
XYZ	33.5925, 34.6432, 30.9029
YIQ	159.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

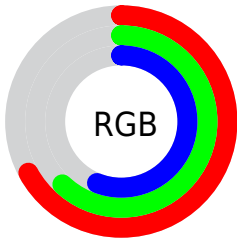
Format	Color
R_{YB}	168, 170, 143
Decimal	11181455
CIE Lab	65.47, 2.35, 9.03
CIE LCh	65, 9.331, 75.420
Yxy	34.6432, 0.3388, 0.3494
Android (android.graphics.Color)	4289371535 (0xFFAA9D8F)
YUV	159.2910, -8.0315, 9.3918
Hunter-Lab	58.8585, -1.1264, 10.0715

Details

The XYZ color **33.5925, 34.6432, 30.9029** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4717, 32.5182, 42.7012**, and the grayscale version is **33.1203, 34.8452, 37.9464**.

A 20% lighter version of the original color is **64.6729, 67.1257, 62.3713**, and **14.6010, 14.9499, 12.4720** is the 20% darker color. If you saturate the color by 10%, you get **31.0629, 31.4909, 24.1802**, and if you desaturate by 10%, it is **36.4120, 38.0622, 38.6859**.

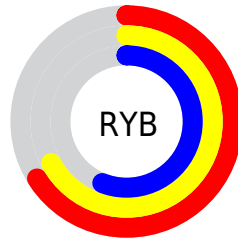
Distribution



Red (67%)

Green (62%)

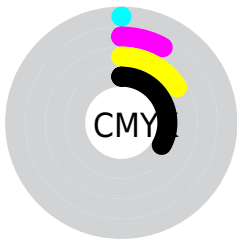
Blue (56%)



Red (66%)

Yellow (67%)

Blue (56%)

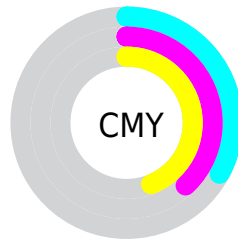


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5925, 34.6432, 30.9029 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 33.5925, 34.6432, 30.9029 by changing the saturation by 10% instead.

■ 33.5925, 34.6432,
30.9029

■ 33.5925, 34.6432,
30.9029

309.9292,
322.9906, 320.4281

■ 22.7421, 23.3882,
20.2671

■ 64.6480, 66.9327,
62.1649

■ 14.5229, 14.8804,
12.4033

■ 85.5838, 88.7359,
83.6283

■ 8.5693, 8.7355,
6.8931

110.6121,
114.8239, 109.5378

■ 4.5162, 4.5690,
3.3179

140.0984,
145.5812, 140.3121

■ 1.9981, 1.9967,
1.2592

174.4078,
181.3921, 176.3698

■ 0.6329, 0.6056,
0.0280

213.9059,

■ 0.0000, 0.0000,

222.6411, 218.1293

0.0000

258.9579,
269.7124, 266.0092

■ 33.5925, 34.6432,
30.9029

■ 33.5925, 34.6432,
30.9029

■ 31.0629, 31.4909,
24.1802

■ 36.4120, 38.0622,
38.6859

■ 28.8097, 28.5935,
18.4690

■ 39.5284, 41.7499,
47.5709

■ 26.8226, 25.9451,
13.7196

■ 42.9522, 45.7146,
57.5998

■ 25.0895, 23.5377,
9.8777

■ 46.6923, 49.9623,
68.8118

■ 23.5971, 21.3629,
6.8829

■ 50.7573, 54.4992,
81.2441

■ 22.3306, 19.4115,
4.6677

■ 55.1555, 59.3310,
94.9326

■ 21.2732, 17.6733,
3.1543

■ 58.7467, 64.0042,
103.8655

■ 20.4034, 16.1362,
2.2403

■ 60.8738, 68.2582,
104.5745

■ 20.0814, 15.5535,
1.9437

■ 63.1064, 72.7234,
105.3187

Harmonies

Analogous

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



34.8043, 34.6432, 32.6154



33.5925, 34.6432, 30.9029



32.2343, 34.6432, 30.9279

Triad

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



33.5925, 34.6432, 30.9029



30.4612, 34.6432, 39.7550



34.8326, 34.6432, 43.2469

Complementary

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



33.5925, 34.6432, 30.9029



30.4717, 32.5182, 42.7012

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.



33.6302, 34.6432, 45.4414



33.5925, 34.6432, 30.9029



31.1191, 34.6432, 43.3324

Square

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



33.5925, 34.6432, 30.9029



30.4517, 34.6432, 35.8597



32.2710, 34.6432, 45.4737



35.5336, 34.6432, 39.6447

Rectangle

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



33.5925, 34.6432, 30.9029



31.4293, 34.6432, 31.9201



32.2710, 34.6432, 45.4737



34.4722, 34.6432, 44.1843

Sweetspot

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



33.5934, 34.6447, 30.9036



66.4926, 69.5707, 71.3927



32.4054, 30.5934, 35.6723



14.7458, 15.4161, 15.6895



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.



33.5934, 34.6447, 30.9036



59.3033, 60.8238, 51.6337



35.8135, 39.2290, 31.6715



7.8409, 8.1618, 7.9514



14.8281, 11.5535, 1.4485



0.4116, 0.3828, 0.0522

Inverse Universe

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



30.4717, 32.5182, 42.7012



52.5686, 56.2362, 77.0859



28.4844, 28.4276, 42.0163



7.4186, 7.8741, 9.5472



7.6029, 6.6660, 28.8614



0.2364, 0.2651, 0.7194

Previews

White Background



This preview shows how the XYZ color 33.5925, 34.6432, 30.9029 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 33.5925, 34.6432, 30.9029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

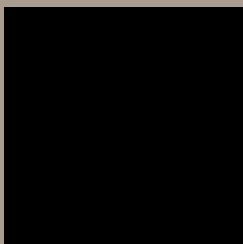
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

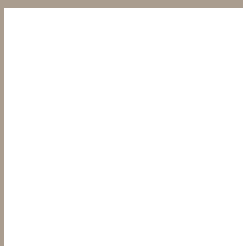
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5925, 34.6432, 30.9029

Background



This preview shows how black text looks on a background with the XYZ color 33.5925, 34.6432, 30.9029.



This preview shows how white text looks on a background with the XYZ color 33.5925, 34.6432,

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

33.5925, 34.6432, 30.9029

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.2477, 34.4994, 31.1869



Tritanopia

35.6721, 34.7486, 40.9034

Trichromacy



Original Color

33.5925, 34.6432, 30.9029

Protanomaly

33.1973, 34.6828, 31.3303

Deuteranomaly

34.4941, 34.3549, 31.1987

Tritanomaly

34.9062, 34.6820, 37.2023

Monochromacy



Original Color

33.5925, 34.6432, 30.9029

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0809, 34.5402, 35.0604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5925, 34.6432, 30.9029 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(170, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 143)  
}
```

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(170, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 143) }
```

Border

The CSS property to change the border of an element to XYZ 33.5925, 34.6432, 30.9029 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(170, 157, 143) }
```


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

```
.border{ border-color:rgb(170, 157, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5925, 34.6432, 30.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 143) }
```

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

```
.background{ background-color: rgb(170,  
157, 143) }
```

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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