

Converting Colors

XYZ(33.9216, 34.2810, 33.1081)

Have a look what the booklet for
XYZ(33.9216, 34.2810, 33.1081)
contains.

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Color

**XYZ(33.9407, 34.2705,
33.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9B95
RGB	171, 155, 149
RGB Percent	67%, 61%, 58%
CMY	0.3294, 0.3921, 0.4157
CMYK	0.00, 0.09, 0.13, 0.33
HSL	16°, 12%, 63%
HSV	16°, 13%, 67%
XYZ	33.9407, 34.2705, 33.2598
YIQ	159.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

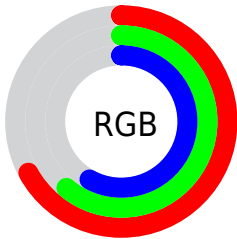
Format	Color
R_{YB}	171, 157, 149
Decimal	11246485
CIE Lab	65.18, 4.83, 5.27
CIE LCh	65, 7.145, 47.469
Yxy	34.2705, 0.3345, 0.3377
Android (android.graphics.Color)	4289436565 (0xFFAB9B95)
YUV	159.1000, -4.9793, 10.4363
Hunter-Lab	58.5410, 1.0433, 7.2934

Details

The XYZ color **33.9407, 34.2705, 33.2598** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2001, 36.2394, 43.7734**, and the grayscale version is **33.0195, 34.7391, 37.8309**.

A 20% lighter version of the original color is **64.9440, 66.0815, 65.8320**, and **14.7627, 14.7044, 13.6154** is the 20% darker color. If you saturate the color by 10%, you get **30.7108, 29.8373, 25.9349**, and if you desaturate by 10%, it is **37.5860, 39.2131, 41.7130**.

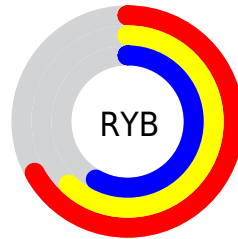
Distribution



Red (67%)

Green (61%)

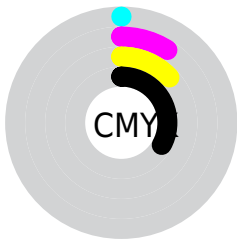
Blue (58%)



Red (67%)

Yellow (62%)

Blue (58%)

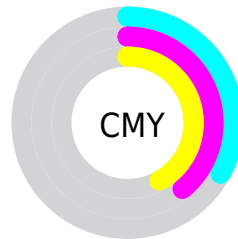


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9407, 34.2705, 33.2598 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 33.9407, 34.2705, 33.2598 by changing the saturation by 10% instead.

■ 33.9407, 34.2705,
33.2598

■ 33.9407, 34.2705,
33.2598

311.4581,
321.3365, 331.4866

■ 23.0107, 23.1015,
22.0528

■ 65.1863, 66.3541,
65.9016

■ 14.7222, 14.6685,
13.6970

■ 86.2327, 88.0375,
88.1735

■ 8.7097, 8.5870,
7.7739

111.3819,
113.9944, 114.9708

■ 4.6079, 4.4728,
3.8649

140.9994,
144.6093, 146.7119

■ 2.0515, 1.9414,
1.5515

175.4503,
180.2666, 183.8156

■ 0.6626, 0.5731,
0.2559

215.1002,

■ 0.0000, 0.0000,

221.3506, 226.7002

0.0000

260.3144,
268.2458, 275.7844

■ 33.9407, 34.2705,
33.2598

■ 33.9407, 34.2705,
33.2598

■ 30.7108, 29.8373,
25.9349

■ 37.5860, 39.2131,
41.7130

■ 27.8785, 25.8927,
19.6882

■ 41.6584, 44.6762,
51.3374

■ 25.4286, 22.4210,
14.4689

■ 46.1722, 50.6760,
62.1764

■ 23.3439, 19.4040,
10.2214

■ 51.1406, 57.2270,
74.2703

■ 21.6058, 16.8221,
6.8846

■ 56.5759, 64.3428,
87.6577

■ 20.1938, 14.6545,
4.3907

■ 62.4901, 72.0367,
102.3756

■ 19.0853, 12.8784,
2.6619

■ 66.6093, 79.4072,
106.4242

■ 18.2539, 11.4682,
1.6058

■ 70.4377, 87.0641,
107.7003

■ 17.7977, 10.6640,
1.1203

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



34.5138, 34.2705, 35.6253



33.9407, 34.2705, 33.2598



33.0079, 34.2705, 32.0094

Triad

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



33.9407, 34.2705, 33.2598



30.6637, 34.2705, 36.0885



33.1758, 34.2705, 43.0358

Complementary

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



33.9407, 34.2705, 33.2598



33.2001, 36.2394, 43.7734

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.



32.1421, 34.2705, 43.1762



33.9407, 34.2705, 33.2598



30.7065, 34.2705, 39.0568

Square

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



33.9407, 34.2705, 33.2598



31.1246, 34.2705, 33.5834



31.2427, 34.2705, 41.6866



34.0658, 34.2705, 41.3128

Rectangle

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



33.9407, 34.2705, 33.2598



32.3144, 34.2705, 31.9303



31.2427, 34.2705, 41.6866



32.8332, 34.2705, 43.2728

Sweetspot

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



33.9416, 34.2720, 33.2605



66.4872, 69.1123, 72.7706



34.3461, 32.8748, 40.1965



14.7152, 15.2614, 15.9673



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.



33.9416, 34.2720, 33.2605



59.3321, 59.3912, 56.2377



35.8317, 38.0522, 33.8906



8.1765, 8.3578, 8.3956



13.4554, 8.1164, 0.8574



0.4202, 0.3175, 0.0391

Inverse Universe

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



33.2001, 36.2394, 43.7734



57.7814, 63.5028, 78.2137



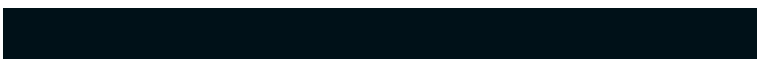
31.3232, 32.4856, 43.1478



8.0487, 8.6969, 10.2071



11.0524, 13.2387, 31.0173



0.3498, 0.4529, 0.8770

Previews

White Background



This preview shows how the XYZ color 33.9407, 34.2705, 33.2598 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 33.9407, 34.2705, 33.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

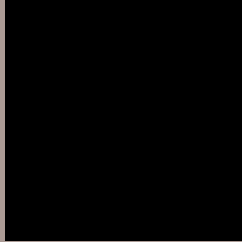
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9407, 34.2705, 33.2598

Background



This preview shows how black text looks on a background with the XYZ color 33.9407, 34.2705, 33.2598.



This preview shows how white text looks on a background with the XYZ color 33.9407, 34.2705,

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

33.9407, 34.2705, 33.2598

Protanopia

32.8361, 34.4423, 33.7715

Deuteranopia

34.9475, 34.2995, 33.2123



Tritanopia

35.4163, 34.3833, 40.3673

Trichromacy



Original Color

33.9407, 34.2705, 33.2598

Protanomaly

33.2879, 34.4229, 33.7440

Deuteranomaly

34.6596, 34.3951, 33.2459

Tritanomaly

34.8269, 34.3851, 37.6023

Monochromacy



Original Color

33.9407, 34.2705, 33.2598

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 33.9407, 34.2705, 33.2598 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(171, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.9407, 34.2705, 33.2598 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(171, 155, 149) }
```


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

```
.border{ border-color:rgb(171, 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(171, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9407, 34.2705, 33.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 149) }
```

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

```
.background{ background-color: rgb(171,  
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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