

Converting Colors

XYZ(33.3642, 34.0910, 32.6744)

Have a look what the booklet for
XYZ(33.3642, 34.0910, 32.6744)
contains.

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Color

**XYZ(33.4288, 34.0158,
32.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	A99B94
RGB	169, 155, 148
RGB Percent	66%, 61%, 58%
CMY	0.3373, 0.3921, 0.4196
CMYK	0.00, 0.08, 0.12, 0.34
HSL	20°, 11%, 62%
HSV	20°, 12%, 66%
XYZ	33.4288, 34.0158, 32.8208
YIQ	158.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

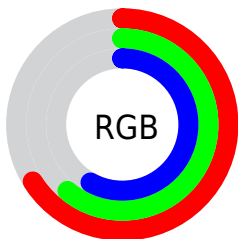
Format	Color
R_{YB}	169, 159, 148
Decimal	11115412
CIE _{Lab}	64.98, 3.91, 5.51
CIE _{LCh}	65, 6.757, 54.678
Yxy	34.0158, 0.3334, 0.3393
Android (android.graphics.Color)	4289305492 (0xFFA99B94)
YUV	158.3880, -5.1213, 9.3067
Hunter-Lab	58.3231, 0.2448, 7.4612

Details

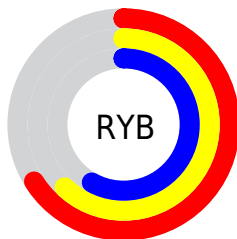
The XYZ color **33.4288, 34.0158, 32.8208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2944, 35.0004, 42.5901**, and the grayscale version is **32.6955, 34.3982, 37.4597**.

A 20% lighter version of the original color is **64.2016, 65.7125, 65.1771**, and **14.4441, 14.5456, 13.3556** is the 20% darker color. If you saturate the color by 10%, you get **30.3998, 29.9444, 25.6863**, and if you desaturate by 10%, it is **36.8299, 38.5182, 41.0438**.

Distribution



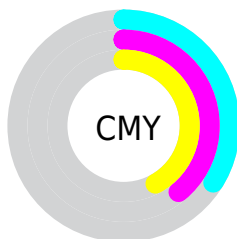
- Red (66%)
- Green (61%)
- Blue (58%)



- Red (66%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4288, 34.0158, 32.8208 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 33.4288, 34.0158, 32.8208 by changing the saturation by 10% instead.

■ 33.4288, 34.0158,
32.8208

■ 33.4288, 34.0158,
32.8208

309.2085,
320.2025, 329.4487

■ 22.6159, 22.9057,
21.7192

■ 64.3946, 65.9582,
65.2084

■ 14.4293, 14.5239,
13.4544

■ 85.2783, 87.5594,
87.3316

■ 8.5036, 8.4860,
7.6078

110.2496,
113.4264, 113.9656

■ 4.4733, 4.4074,
3.7609

139.6740,
143.9436, 145.5291

■ 1.9732, 1.9040,
1.4951

173.9167,
179.4954, 182.4407

■ 0.6189, 0.5508,
0.2143

213.3431,

■ 0.0000, 0.0000,

220.4662, 225.1187

0.0000

258.3185,
267.2405, 273.9819

■ 33.4288, 34.0158,
32.8208

■ 33.4288, 34.0158,
32.8208

■ 30.3998, 29.9444,
25.6863

■ 36.8299, 38.5182,
41.0438

■ 27.7270, 26.2864,
19.5921

■ 40.6128, 43.4593,
50.3963

■ 25.3972, 23.0300,
14.4896

■ 44.7903, 48.8525,
60.9200

■ 23.3954, 20.1607,
10.3257

■ 49.3739, 54.7091,
72.6535

■ 21.7055, 17.6634,
7.0417

■ 54.3742, 61.0400,
85.6340

■ 20.3096, 15.5216,
4.5728

■ 59.8019, 67.8558,
99.8968

■ 19.1880, 13.7176,
2.8448

■ 63.7934, 74.4172,
105.6094

■ 18.3177, 12.2317,
1.7696

■ 67.1003, 81.0310,
106.7117

■ 17.7939, 11.2983,
1.2430

■ 70.1723, 87.1751,
107.7357

Harmonies

Analogous

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



34.0674, 34.0158, 34.8373



33.4288, 34.0158, 32.8208



32.5055, 34.0158, 31.9370

Triad

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



33.4288, 34.0158, 32.8208



30.4972, 34.0158, 36.5409



33.1213, 34.0158, 42.1418

Complementary

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



33.4288, 34.0158, 32.8208



32.2944, 35.0004, 42.5901

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.



32.1572, 34.0158, 42.6539



33.4288, 34.0158, 32.8208



30.6547, 34.0158, 39.3283

Square

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



33.4288, 34.0158, 32.8208



30.8230, 34.0158, 34.0145



31.2575, 34.0158, 41.6006



33.8873, 34.0158, 40.2343

Rectangle

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



33.4288, 34.0158, 32.8208



31.8575, 34.0158, 32.0752



31.2575, 34.0158, 41.6006



32.8091, 34.0158, 42.4868

Sweetspot

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



33.4297, 34.0173, 32.8215



64.9110, 67.6030, 70.9457



33.4741, 32.2239, 38.6384



14.0478, 14.6027, 15.2196



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.



33.4297, 34.0173, 32.8215



58.2613, 58.7721, 54.9539



35.2533, 37.6645, 33.4294



7.7279, 7.9359, 7.9137



13.3065, 8.5103, 0.9413



0.3705, 0.3006, 0.0385

Inverse Universe

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



32.2944, 35.0004, 42.5901



55.8104, 60.8931, 76.0371



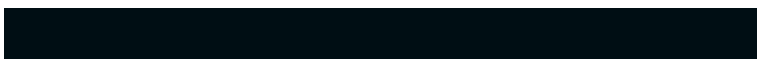
30.5219, 31.4555, 41.9992



7.5336, 8.1042, 9.5855



9.7593, 10.9788, 29.5802



0.2815, 0.3553, 0.7344

Previews

White Background



This preview shows how the XYZ color 33.4288, 34.0158, 32.8208 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 33.4288, 34.0158, 32.8208 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 33.4288, 34.0158, 32.8208

Background



This preview shows how black text looks on a background with the XYZ color 33.4288, 34.0158, 32.8208.



This preview shows how white text looks on a background with the XYZ color 33.4288, 34.0158,

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

33.4288, 34.0158, 32.8208

Protanopia

32.5860, 34.0704, 33.2925

Deuteranopia

34.5575, 33.8565, 33.1473



Tritanopia

34.8867, 34.1207, 39.8692

Trichromacy



Original Color

33.4288, 34.0158, 32.8208

Protanomaly

32.8303, 33.9462, 33.2557

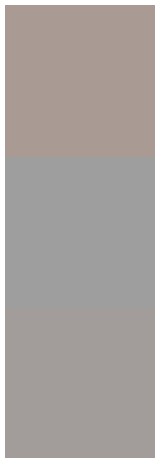
Deuteranomaly

34.0496, 33.8366, 33.1703

Tritanomaly

34.3047, 34.1259, 37.1267

Monochromacy



Original Color

33.4288, 34.0158, 32.8208

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7900, 34.1284, 35.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4288, 34.0158, 32.8208 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(169, 155, 148)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 148)  
}
```

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(169, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.4288, 34.0158, 32.8208 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(169, 155, 148) }
```


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

```
.border{ border-color:rgb(169, 155, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 148);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4288, 34.0158, 32.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 148) }
```

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

```
.background{ background-color: rgb(169,  
155, 148) }
```

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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