

Converting Colors

XYZ(33.0118, 32.1394, 31.6577)

Have a look what the booklet for
XYZ(33.0118, 32.1394, 31.6577)
contains.

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Color

**XYZ(33.0118, 32.1394,
31.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9492
RGB	173, 148, 146
RGB Percent	68%, 58%, 57%
CMY	0.3216, 0.4196, 0.4274
CMYK	0.00, 0.14, 0.16, 0.32
HSL	4°, 14%, 63%
HSV	4°, 16%, 68%
XYZ	33.0118, 32.1394, 31.6577
YIQ	155.2470, 15.5420, 4.6780

Conversions

Conversions Part 2

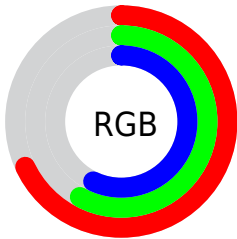
Format	Color
RYB	173, 148, 146
Decimal	11375762
CIELab	63.46, 8.97, 4.50
CIELCh	63, 10.038, 26.637
Yxy	32.1394, 0.3410, 0.3320
Android (android.graphics.Color)	4289565842 (0xFFAD9492)
YUV	155.2470, -4.5588, 15.5694
Hunter-Lab	56.6916, 4.7311, 6.5755

Details

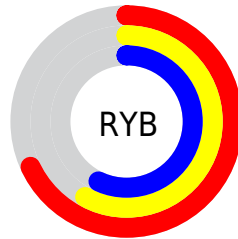
The XYZ color **33.0118, 32.1394, 31.6577** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9595, 38.2530, 45.1292**, and the grayscale version is **31.2806, 32.9096, 35.8386**.

A 20% lighter version of the original color is **63.8590, 63.0692, 63.4514**, and **14.1317, 13.3870, 12.9055** is the 20% darker color. If you saturate the color by 10%, you get **29.4259, 26.9606, 24.3178**, and if you desaturate by 10%, it is **37.1508, 38.0978, 40.1875**.

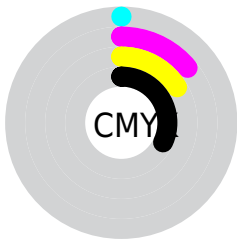
Distribution



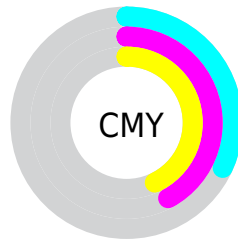
- Red (68%)
- Green (58%)
- Blue (57%)



- Red (68%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0118, 32.1394, 31.6577 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 33.0118, 32.1394, 31.6577 by changing the saturation by 10% instead.


 33.0118, 32.1394,
31.6577


 33.0118, 32.1394,
31.6577


307.3669,
311.7538, 324.0015

 22.2948, 21.4680,
20.8375


 63.7485, 63.0296,
63.3657

 14.1915, 13.4665,
12.8152


 84.4989, 84.0171,
85.0907

 8.3365, 7.7506,
7.1722


109.3244,
109.2122, 111.2877

 4.3647, 3.9358,
3.4899

138.5905,
138.9991, 142.3752

 1.9104, 1.6377,
1.3499

172.6624,
173.7623, 178.7718

 0.5829, 0.3828,
0.1022

211.9056,

 0.0000, 0.0000,

213.8863, 220.8960

0.0000

256.6853,
259.7553, 269.1664

■ 33.0118, 32.1394,
31.6577

■ 33.0118, 32.1394,
31.6577

■ 29.4259, 26.9606,
24.3178

■ 37.1508, 38.0978,
40.1875

■ 26.3672, 22.5251,
18.1130

■ 41.8621, 44.8617,
49.9546

■ 23.8115, 18.8000,
12.9872

■ 47.1674, 52.4610,
61.0063

■ 21.7318, 15.7485,
8.8787

■ 53.0863, 60.9229,
73.3870

■ 20.0986, 13.3302,
5.7198

■ 59.6377, 70.2733,
87.1387

■ 18.8790, 11.5005,
3.4341

■ 66.8395, 80.5371,
102.3017

■ 18.0357, 10.2091,
1.9341

■ 71.0437, 87.6243,
107.7765

■ 17.5233, 9.3968,
1.1084

■ 17.3756, 9.1680,
0.8538

Harmonies

Analogous

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



33.3080, 32.1394, 35.4475



33.0118, 32.1394, 31.6577



32.0485, 32.1394, 28.9549

Triad

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



33.0118, 32.1394, 31.6577



28.3587, 32.1394, 30.9323



30.3903, 32.1394, 43.2486

Complementary

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



33.0118, 32.1394, 31.6577



33.9595, 38.2530, 45.1292

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.



29.0941, 32.1394, 41.8201



33.0118, 32.1394, 31.6577



27.9440, 32.1394, 34.5451

Square

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



33.0118, 32.1394, 31.6577



29.3591, 32.1394, 28.5591



28.2091, 32.1394, 38.5576



31.7676, 32.1394, 42.3303

Rectangle

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



33.0118, 32.1394, 31.6577



31.1725, 32.1394, 28.0313



28.2091, 32.1394, 38.5576



29.9310, 32.1394, 43.0244

Sweetspot

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



33.0127, 32.1408, 31.6584



66.9474, 68.8240, 72.8265



34.8826, 32.3903, 43.0419



14.4322, 14.7888, 15.5849



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.



33.0127, 32.1408, 31.6584



56.6175, 53.9466, 51.5569



35.2196, 36.5546, 32.3940



8.0512, 8.1073, 8.3539



12.7822, 6.7699, 0.6330



0.3707, 0.2185, 0.0226

Inverse Universe

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



33.9595, 38.2530, 45.1292



58.6635, 67.1577, 80.6766



31.5730, 33.4800, 44.3337



8.1847, 8.9688, 10.2525



14.8155, 20.7648, 32.2717



0.4269, 0.6071, 0.9027

Previews

White Background



This preview shows how the XYZ color 33.0118, 32.1394, 31.6577 looks on a white background.

Color Contrast Check

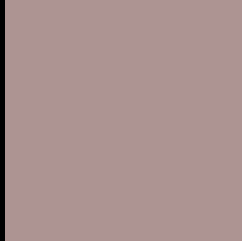
Large Text (above 18pt) WCAG AA × Fail

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 33.0118, 32.1394, 31.6577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

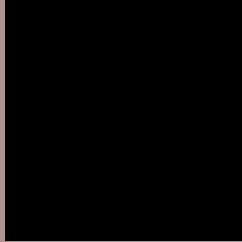
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0118, 32.1394, 31.6577

Background



This preview shows how black text looks on a background with the XYZ color 33.0118, 32.1394, 31.6577.



This preview shows how white text looks on a background with the XYZ color 33.0118, 32.1394,

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

33.0118, 32.1394, 31.6577

Protanopia

30.9166, 32.2215, 33.0237

Deuteranopia

32.9490, 32.3409, 31.6999



Tritanopia

33.9060, 32.0251, 36.7422

Trichromacy



Original Color

33.0118, 32.1394, 31.6577

Protanomaly

31.5162, 32.0579, 32.5437

Deuteranomaly

32.9490, 32.3409, 31.6999

Tritanomaly

33.7220, 32.1992, 35.0096

Monochromacy



Original Color

33.0118, 32.1394, 31.6577

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7960, 32.4049, 34.2847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0118, 32.1394, 31.6577 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(173, 148, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 148, 146)  
}
```

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(173, 148, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 148, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.0118, 32.1394, 31.6577 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(173, 148, 146) }
```


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

```
.border{ border-color:rgb(173, 148, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 148, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 148, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 148, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 148,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0118, 32.1394, 31.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 148, 146) }
```

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

```
.background{ background-color: rgb(173,  
148, 146) }
```

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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