

Converting Colors

XYZ(33.3513, 32.9979, 30.5256)

Have a look what the booklet for
XYZ(33.3513, 32.9979, 30.5256)
contains.

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Color

**XYZ(33.4801, 33.1151,
30.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	AE978F
RGB	174, 151, 143
RGB Percent	68%, 59%, 56%
CMY	0.3176, 0.4078, 0.4392
CMYK	0.00, 0.13, 0.18, 0.32
HSL	15°, 16%, 62%
HSV	15°, 18%, 68%
XYZ	33.4801, 33.1151, 30.6139
YIQ	156.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

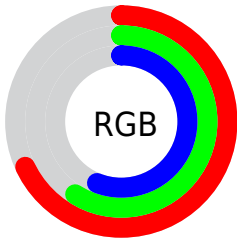
Format	Color
RYB	174, 154, 143
Decimal	11442063
CIELab	64.25, 7.20, 7.35
CIELCh	64, 10.282, 45.591
Yxy	33.1151, 0.3444, 0.3407
Android (android.graphics.Color)	4289632143 (0xFFAE978F)
YUV	156.9650, -6.8847, 14.9397
Hunter-Lab	57.5457, 3.1463, 8.7402

Details

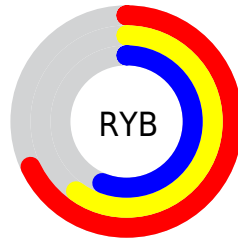
The XYZ color **33.4801, 33.1151, 30.6139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6036, 36.1672, 45.3072**, and the grayscale version is **32.0577, 33.7272, 36.7289**.

A 20% lighter version of the original color is **64.5425, 64.5169, 61.8746**, and **14.4181, 13.9696, 12.2924** is the 20% darker color. If you saturate the color by 10%, you get **30.2982, 28.6995, 23.5467**, and if you desaturate by 10%, it is **37.0957, 38.0704, 38.8352**.

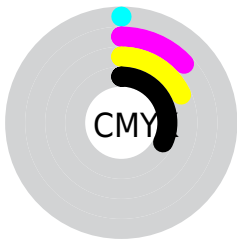
Distribution



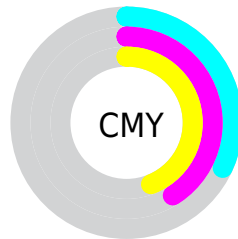
- Red (68%)
- Green (59%)
- Blue (56%)



- Red (68%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4801, 33.1151, 30.6139 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 33.4801, 33.1151, 30.6139 by changing the saturation by 10% instead.

■ 33.4801, 33.1151,
30.6139

■ 33.4801, 33.1151,
30.6139

309.4344,
316.1681, 319.0515

■ 22.6555, 22.2146,
20.0490

■ 64.4740, 64.5552,
61.7041

■ 14.4586, 14.0147,
12.2463

■ 85.3741, 85.8636,
83.0665

■ 8.5242, 8.1309,
6.7870

110.3633,
111.4101, 108.8652

■ 4.4867, 4.1788,
3.2529

139.8070,
141.5791, 139.5187

■ 1.9810, 1.7741,
1.2252

174.0706,
176.7550, 175.4455

■ 0.6233, 0.4709,
0.0000

213.5195,

■ 0.0000, 0.0000,

217.3222, 217.0643

0.0000

258.5190,
263.6651, 264.7934

■ 33.4801, 33.1151,
30.6139

■ 33.4801, 33.1151,
30.6139

■ 30.2982, 28.6995,
23.5467

■ 37.0957, 38.0704,
38.8352

■ 27.5307, 24.8008,
17.5796

■ 41.1582, 43.5783,
48.2572

■ 25.1607, 21.4011,
12.6573

■ 45.6833, 49.6571,
58.9262

■ 23.1689, 18.4797,
8.7191

■ 50.6853, 56.3225,
70.8858

■ 21.5346, 16.0144,
5.6976

■ 56.1778, 63.5900,
84.1772

■ 20.2346, 13.9813,
3.5172

■ 62.1739, 71.4743,
98.8399

■ 19.2430, 12.3539,
2.0896

■ 67.0673, 79.3420,
106.3875

■ 18.5229, 11.0999,
1.2754

■ 71.0321, 87.2717,
107.7091

■ 18.3911, 10.8696,
1.1287

■ 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



34.2565, 33.1151, 33.9391



33.4801, 33.1151, 30.6139



32.1785, 33.1151, 28.8182

Triad

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



33.4801, 33.1151, 30.6139



28.8340, 33.1151, 34.0933



32.2353, 33.1151, 44.3665

Complementary

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



33.4801, 33.1151, 30.6139



32.6036, 36.1672, 45.3072

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.



30.7817, 33.1151, 44.4159



33.4801, 33.1151, 30.6139



28.8481, 33.1151, 38.2606

Square

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



33.4801, 33.1151, 30.6139



29.5122, 33.1151, 30.7192



29.5514, 33.1151, 42.1092



33.5228, 33.1151, 41.9792

Rectangle

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



33.4801, 33.1151, 30.6139



31.2022, 33.1151, 28.6338



29.5514, 33.1151, 42.1092



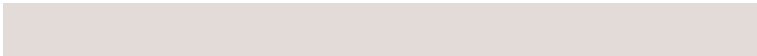
31.7492, 33.1151, 44.6629

Sweetspot

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



33.4810, 33.1166, 30.6146



69.2157, 71.6794, 74.8841



34.1843, 31.4064, 40.4574



15.2744, 15.7826, 16.3910



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.4810, 33.1166, 30.6146



58.5897, 57.1109, 50.7375



36.0955, 38.3456, 31.4861



8.1671, 8.3390, 8.3925



13.3810, 7.9675, 0.8326



0.4165, 0.3102, 0.0379

Inverse Universe

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



32.6036, 36.1672, 45.3072



56.7261, 63.5822, 81.9197



29.9945, 30.9489, 44.4375



8.0587, 8.7167, 10.2105



11.2923, 13.7184, 31.0973



0.3550, 0.4633, 0.8787

Previews

White Background



This preview shows how the XYZ color 33.4801, 33.1151, 30.6139 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 33.4801, 33.1151, 30.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

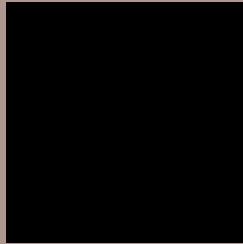
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4801, 33.1151, 30.6139

Background



This preview shows how black text looks on a background with the XYZ color 33.4801, 33.1151, 30.6139.



This preview shows how white text looks on a background with the XYZ color 33.4801, 33.1151,

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

33.4801, 33.1151, 30.6139

Protanopia

31.5301, 33.0641, 31.5083

Deuteranopia

33.7688, 33.0260, 30.5814



Tritanopia

34.8396, 32.9480, 37.7811

Trichromacy



Original Color

33.4801, 33.1151, 30.6139

Protanomaly

32.3155, 33.2318, 31.0967

Deuteranomaly

33.5435, 32.9098, 30.5709

Tritanomaly

34.2594, 32.9419, 35.1246

Monochromacy



Original Color

33.4801, 33.1151, 30.6139

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4931, 33.4962, 34.4586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4801, 33.1151, 30.6139 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(174, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 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(174, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 143) }
```

Border

The CSS property to change the border of an element to XYZ 33.4801, 33.1151, 30.6139 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(174, 151, 143) }
```


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

```
.border{ border-color:rgb(174, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4801, 33.1151, 30.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 143) }
```

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

```
.background{ background-color: rgb(174,  
151, 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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