

Converting Colors

XYZ(33.1190, 32.9964, 27.5451)

Have a look what the booklet for
XYZ(33.1190, 32.9964, 27.5451)
contains.

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Color

**XYZ(33.1190, 32.9964,
27.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9787
RGB	175, 151, 135
RGB Percent	69%, 59%, 53%
CMY	0.3137, 0.4078, 0.4706
CMYK	0.00, 0.14, 0.23, 0.31
HSL	24°, 20%, 61%
HSV	24°, 23%, 69%
XYZ	33.1190, 32.9964, 27.5451
YIQ	156.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

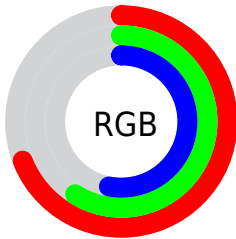
Format	Color
RYB	175, 162, 135
Decimal	11507591
CIELab	64.16, 6.33, 11.71
CIELCh	64, 13.316, 61.593
Yxy	32.9964, 0.3536, 0.3523
Android (android.graphics.Color)	4289697671 (0xFFAF9787)
YUV	156.3520, -10.5265, 16.3543
Hunter-Lab	57.4425, 2.3915, 11.7787

Details

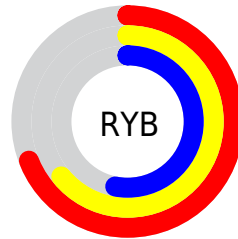
The XYZ color **33.1190, 32.9964, 27.5451** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1276, 33.0417, 45.3475**, and the grayscale version is **31.7974, 33.4533, 36.4307**.

A 20% lighter version of the original color is **63.8634, 64.2824, 56.6187**, and **14.2229, 13.9078, 10.5292** is the 20% darker color. If you saturate the color by 10%, you get **30.3719, 29.3145, 21.0420**, and if you desaturate by 10%, it is **36.2209, 37.0633, 35.1664**.

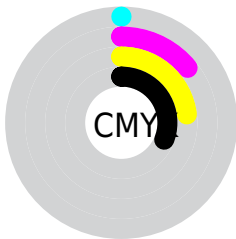
Distribution



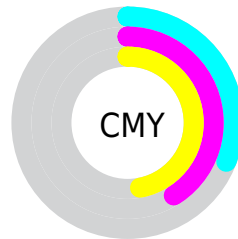
- Red (69%)
- Green (59%)
- Blue (53%)



- Red (69%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1190, 32.9964, 27.5451 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 33.1190, 32.9964, 27.5451 by changing the saturation by 10% instead.


 33.1190, 32.9964,
27.5451


 33.1190, 32.9964,
27.5451


307.8411,
315.6335, 304.1301

 22.3773, 22.1237,
17.7470


 63.9147, 64.3699,
56.7717

 14.2525, 13.9478,
10.6009


 84.6994, 85.6395,
77.0372

 8.3794, 8.0844,
5.6884


 109.5625,
111.1435, 101.6290

 4.3925, 4.1490,
2.5908

138.8693,
141.2663, 130.9655

 1.9265, 1.7572,
0.8877

172.9853,
176.3923, 165.4653

 0.5922, 0.4603,
0.0000

212.2756,

 0.0000, 0.0000,

216.9059, 205.5470

0.0000

257.1058,
263.1915, 251.6291

■ 33.1190, 32.9964,
27.5451

■ 33.1190, 32.9964,
27.5451

■ 30.3719, 29.3145,
21.0420

■ 36.2209, 37.0633,
35.1664

■ 27.9632, 26.0012,
15.6018

■ 39.6880, 41.5220,
43.9537

■ 25.8789, 23.0458,
11.1673

■ 43.5333, 46.3845,
53.9544

■ 24.1032, 20.4350,
7.6752

■ 47.7687, 51.6613,
65.2126

■ 22.6182, 18.1546,
5.0547

■ 52.4051, 57.3621,
77.7702

■ 21.4044, 16.1892,
3.2251

■ 57.4534, 63.4966,
91.6674

■ 20.4387, 14.5217,
2.0898

■ 62.5182, 69.9117,
104.8070

■ 19.8704, 13.4961,
1.5577

■ 65.4358, 75.7470,
105.7795

■ 68.5308, 81.9371,
106.8112

Harmonies

Analogous

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



34.5534, 32.9964, 30.7569



33.1190, 32.9964, 27.5451



31.2614, 32.9964, 26.5141

Triad

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



33.1190, 32.9964, 27.5451



27.8752, 32.9964, 36.2170



33.3004, 32.9964, 45.5193

Complementary

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



33.1190, 32.9964, 27.5451



30.1276, 33.0417, 45.3475

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.



31.4630, 32.9964, 47.3406



33.1190, 32.9964, 27.5451



28.3736, 32.9964, 41.6473

Square

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



33.1190, 32.9964, 27.5451



28.2794, 32.9964, 31.2099



29.6684, 32.9964, 45.8582



34.6610, 32.9964, 41.0979

Rectangle

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



33.1190, 32.9964, 27.5451



30.0464, 32.9964, 27.1104



29.6684, 32.9964, 45.8582



32.7156, 32.9964, 46.4747

Sweetspot

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



33.1199, 32.9979, 27.5458



68.3497, 70.8713, 71.7469



32.6016, 28.9456, 36.6701



15.1112, 15.6487, 15.7428



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.



33.1199, 32.9979, 27.5458



56.9702, 55.9728, 43.7207



36.6156, 39.9894, 28.7110



8.2584, 8.5216, 8.4229



14.2866, 9.7787, 1.1345



0.4519, 0.3809, 0.0497

Inverse Universe

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



30.1276, 33.0417, 45.3475



50.7384, 56.0603, 80.7834



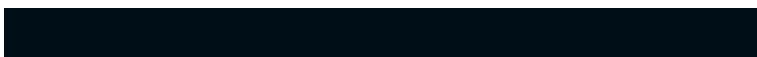
26.9626, 26.7118, 44.2926



7.9634, 8.5262, 10.1787



9.2193, 9.5725, 30.4063



0.3081, 0.3695, 0.8631

Previews

White Background



This preview shows how the XYZ color 33.1190, 32.9964, 27.5451 looks on a white background.

Color Contrast Check

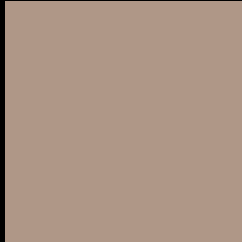
Large Text (above 18pt) WCAG AA × Fail

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 33.1190, 32.9964, 27.5451 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

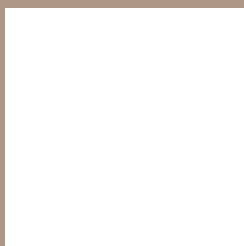
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1190, 32.9964, 27.5451

Background



This preview shows how black text looks on a background with the XYZ color 33.1190, 32.9964, 27.5451.



This preview shows how white text looks on a background with the XYZ color 33.1190, 32.9964,

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

33.1190, 32.9964, 27.5451

Protanopia

31.3410, 33.0354, 28.3915

Deuteranopia

33.6396, 33.0269, 27.5235



Tritanopia

35.2080, 33.1480, 37.3434

Trichromacy



Original Color

33.1190, 32.9964, 27.5451

Protanomaly

31.9359, 33.1043, 27.9991

Deuteranomaly

33.4110, 32.9091, 27.5128

Tritanomaly

34.3839, 33.0440, 33.4201

Monochromacy



Original Color

33.1190, 32.9964, 27.5451

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0052, 33.0359, 32.7067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1190, 32.9964, 27.5451 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(175, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(175, 151, 135)  
}
```

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(175, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 151, 135) }
```

Border

The CSS property to change the border of an element to XYZ 33.1190, 32.9964, 27.5451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

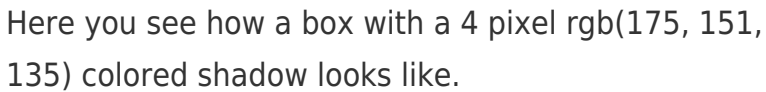
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 151, 135) }
```


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

```
.border{ border-color:rgb(175, 151, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 151, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 151, 135); box-shadow:4px 4px 4px 4px rgb(175, 151, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1190, 32.9964, 27.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 151, 135) }
```

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

```
.background{ background-color: rgb(175,  
151, 135) }
```

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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