

Converting Colors

XYZ(33.1507, 29.7480, 32.2062)

Have a look what the booklet for
XYZ(33.1507, 29.7480, 32.2062)
contains.

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Color

**XYZ(33.1133, 29.7327,
32.0107)**

Conversions

Conversions Part 1

Format	Color
Hex	B48994
RGB	180, 137, 148
RGB Percent	71%, 54%, 58%
CMY	0.2941, 0.4627, 0.4196
CMYK	0.00, 0.24, 0.18, 0.29
HSL	345°, 22%, 62%
HSV	345°, 24%, 71%
XYZ	33.1133, 29.7327, 32.0107
YIQ	151.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

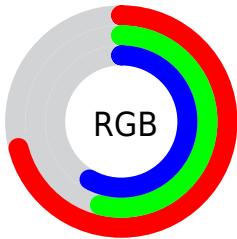
Format	Color
R_{YB}	180, 137, 148
Decimal	11831700
CIE _{Lab}	61.42, 18.10, 0.50
CIE _{LCh}	61, 18.111, 1.585
Yxy	29.7327, 0.3491, 0.3134
Android (android.graphics.Color)	4290021780 (0xFFB48994)
YUV	151.1110, -1.5337, 25.3357
Hunter-Lab	54.5277, 12.9751, 3.3630

Details

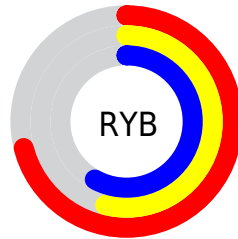
The XYZ color **33.1133, 29.7327, 32.0107** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8004, 40.8261, 43.6367**, and the grayscale version is **29.4633, 30.9977, 33.7565**.

A 20% lighter version of the original color is **63.8835, 59.3587, 63.9675**, and **14.3183, 12.1915, 12.9078** is the 20% darker color. If you saturate the color by 10%, you get **29.7652, 24.6362, 25.9624**, and if you desaturate by 10%, it is **37.0127, 35.7348, 38.8489**.

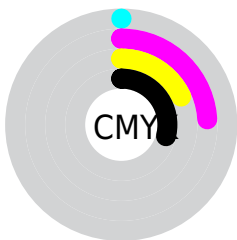
Distribution



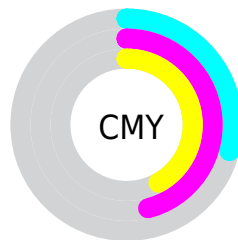
- Red (71%)
- Green (54%)
- Blue (58%)



- Red (71%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (29%)





- Cyan (29%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1133, 29.7327, 32.0107 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 33.1133, 29.7327, 32.0107 by changing the saturation by 10% instead.


 33.1133, 29.7327,
32.0107


 33.1133, 29.7327,
32.0107


307.8159,
300.6565, 325.6622


 22.3729, 19.6358,
21.1048


 63.9059, 59.2392,
63.9260

 14.2493, 12.1306,
13.0086


 84.6888, 79.4176,
85.7724

 8.3771, 6.8327,
7.3037


 109.5499,
103.7252, 112.1027

 4.3910, 3.3577,
3.5714

138.8545,
132.5466, 143.3356

 1.9256, 1.3212,
1.3933

172.9681,
166.2660, 179.8894

 0.5917, 0.1575,
0.1365

212.2560,

 0.0000, 0.0000,

205.2678, 222.1827

0.0000

257.0834,
249.9365, 270.6342

■ 33.1133, 29.7327,
32.0107

■ 33.1133, 29.7327,
32.0107

■ 29.7652, 24.6362,
25.9624

■ 37.0127, 35.7348,
38.8489

■ 26.9406, 20.3971,
20.6733

■ 41.4845, 42.6792,
46.5027

■ 24.6128, 16.9692,
16.1131

■ 46.5519, 50.6059,
54.9988

■ 22.7521, 14.3001,
12.2487

■ 52.2358, 59.5512,
64.3622

■ 21.3251, 12.3311,
9.0445

■ 58.5563, 69.5494,
74.6166

■ 20.2939, 10.9950,
6.4613

■ 65.5326, 80.6335,
85.7850

■ 19.6134, 10.2113,
4.4552

■ 70.5758, 87.6207,
97.0205

■ 19.3163, 9.9009,
3.4815

■ 72.6325, 88.4433,
107.8509

Harmonies

Analogous

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



32.5030, 29.7327, 39.0576



33.1133, 29.7327, 32.0107



32.3635, 29.7327, 25.9510

Triad

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



33.1133, 29.7327, 32.0107



25.9180, 29.7327, 22.3963



26.1267, 29.7327, 45.4013

Complementary

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



33.1133, 29.7327, 32.0107



33.8004, 40.8261, 43.6367

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.



24.5190, 29.7327, 39.7775



33.1133, 29.7327, 32.0107



24.4034, 29.7327, 26.4997

Square

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



33.1133, 29.7327, 32.0107



28.1329, 29.7327, 20.9076



23.9058, 29.7327, 32.7397



28.3875, 29.7327, 47.4129

Rectangle

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



33.1133, 29.7327, 32.0107



31.2164, 29.7327, 23.1080



23.9058, 29.7327, 32.7397



25.4965, 29.7327, 43.8349

Sweetspot

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



33.1141, 29.7341, 32.0113



72.4822, 73.1236, 79.6672



33.4471, 29.5715, 47.1252



15.5619, 15.6428, 17.0414



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.1141, 29.7341, 32.0113



56.5166, 48.5321, 51.7178



33.7776, 32.3885, 28.1399



8.5826, 8.5398, 9.3004



13.5053, 6.9197, 2.5547



0.4491, 0.2274, 0.2075

Inverse Universe

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



33.1141, 29.7341, 32.0113



56.5166, 48.5321, 51.7178



32.9242, 37.3515, 48.6545



8.5826, 8.5398, 9.3004



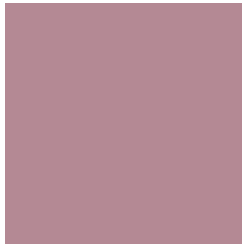
13.5053, 6.9197, 2.5547



0.4491, 0.2274, 0.2075

Previews

White Background



This preview shows how the XYZ color 33.1133, 29.7327, 32.0107 looks on a white background.

Color Contrast Check

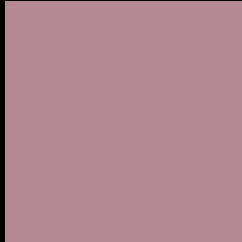
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1133, 29.7327, 32.0107 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 × Fail

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

XYZ 33.1133, 29.7327, 32.0107

Background



This preview shows how black text looks on a background with the XYZ color 33.1133, 29.7327, 32.0107.



This preview shows how white text looks on a background with the XYZ color 33.1133, 29.7327,

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

33.1133, 29.7327, 32.0107

Protanopia

29.0003, 29.9969, 34.8334

Deuteranopia

30.3440, 29.8396, 31.7641



Tritanopia

33.1133, 29.7327, 32.0107

Trichromacy



Original Color

33.1133, 29.7327, 32.0107

Protanomaly

30.3387, 29.7906, 33.8569

Deuteranomaly

31.1535, 29.5914, 31.6735

Tritanomaly

33.1133, 29.7327, 32.0107

Monochromacy



Original Color

33.1133, 29.7327, 32.0107

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6842, 30.4412, 33.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1133, 29.7327, 32.0107 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(180, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 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(180, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.1133, 29.7327, 32.0107 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(180, 137, 148) }
```


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

```
.border{ border-color:rgb(180, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1133, 29.7327, 32.0107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 148) }
```

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

```
.background{ background-color: rgb(180,  
137, 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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