

Converting Colors

XYZ(32.9770, 31.8244, 23.9181)

Have a look what the booklet for
XYZ(32.9770, 31.8244, 23.9181)
contains.

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Color

**XYZ(33.0366, 31.8622,
23.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	B5927D
RGB	181, 146, 125
RGB Percent	71%, 57%, 49%
CMY	0.2902, 0.4274, 0.5098
CMYK	0.00, 0.19, 0.31, 0.29
HSL	23°, 27%, 60%
HSV	23°, 31%, 71%
XYZ	33.0366, 31.8622, 23.8108
YIQ	154.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

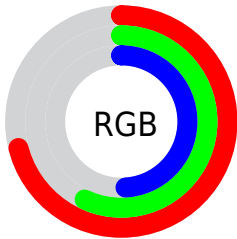
Format	Color
R_{YB}	181, 159, 125
Decimal	11899517
CIE _{Lab}	63.23, 10.05, 16.11
CIE _{LCh}	63, 18.984, 58.043
Yxy	31.8622, 0.3724, 0.3592
Android (android.graphics.Color)	4290089597 (0xFFB5927D)
YUV	154.0710, -14.3320, 23.6167
Hunter-Lab	56.4466, 5.6894, 14.5024

Details

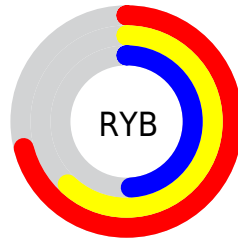
The XYZ color **33.0366, 31.8622, 23.8108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3683, 32.8367, 48.5064**, and the grayscale version is **30.7995, 32.4034, 35.2873**.

A 20% lighter version of the original color is **63.9501, 62.7000, 50.8513**, and **14.1491, 13.2182, 8.6431** is the 20% darker color. If you saturate the color by 10%, you get **30.3260, 28.1257, 17.7131**, and if you desaturate by 10%, it is **36.1322, 36.0310, 31.0771**.

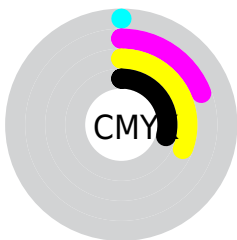
Distribution



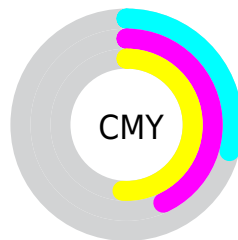
- Red (71%)
- Green (57%)
- Blue (49%)



- Red (71%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0366, 31.8622, 23.8108 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 33.0366, 31.8622, 23.8108 by changing the saturation by 10% instead.


 33.0366, 31.8622,
23.8108


 33.0366, 31.8622,
23.8108


307.4767,
310.4911, 285.1182


 22.3139, 21.2563,
14.9824


 63.7870, 62.5950,
50.6612

 14.2056, 13.3115,
8.6606


 84.5453, 83.4907,
69.5204

 8.3465, 7.6434,
4.4267


 109.3795,
108.5850, 92.5602

 4.3711, 3.8676,
1.8622

138.6550,
138.2625, 120.1992

 1.9141, 1.5998,
0.4685

172.7371,
172.9074, 152.8560

 0.5850, 0.3575,
0.0000

211.9912,

 0.0000, 0.0000,

212.9042, 190.9491

0.0000

256.7826,
258.6373, 234.8970

■ 33.0366, 31.8622,
23.8108

■ 33.0366, 31.8622,
23.8108

■ 30.3260, 28.1257,
17.7131

■ 36.1322, 36.0310,
31.0771

■ 27.9814, 24.8026,
12.7201

■ 39.6256, 40.6415,
39.5674

■ 25.9858, 21.8789,
8.7645

■ 43.5321, 45.7083,
49.3359

■ 24.3199, 19.3379,
5.7710

■ 47.8655, 51.2440,
60.4329

■ 22.9619, 17.1618,
3.6539

■ 52.6387, 57.2606,
72.9062

■ 21.8868, 15.3307,
2.3116

■ 57.8643, 63.7698,
86.8009

■ 21.1164, 13.9445,
1.5786

■ 63.5542, 70.7827,
102.1602

■ 67.2441, 77.3199,
105.9878

■ 70.6138, 84.0592,
107.1110

Harmonies

Analogous

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



34.9638, 31.8622, 28.3272



33.0366, 31.8622, 23.8108



30.4569, 31.8622, 22.1518

Triad

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



33.0366, 31.8622, 23.8108



25.5118, 31.8622, 34.2008



32.7210, 31.8622, 49.0882

Complementary

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



33.0366, 31.8622, 23.8108



29.3683, 32.8367, 48.5064

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.



30.1119, 31.8622, 51.2487



33.0366, 31.8622, 23.8108



26.0417, 31.8622, 41.9464

Square

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



33.0366, 31.8622, 23.8108



26.1980, 31.8622, 27.5862



27.6888, 31.8622, 48.4682



34.7743, 31.8622, 42.9250

Rectangle

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



33.0366, 31.8622, 23.8108



28.7466, 31.8622, 22.6770



27.6888, 31.8622, 48.4682



31.8754, 31.8622, 50.3425

Sweetspot

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



33.0374, 31.8637, 23.8115



72.1646, 74.3501, 73.8222



32.7760, 27.0457, 36.9652



15.3893, 15.7981, 15.4409



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.



33.0374, 31.8637, 23.8115



55.8513, 52.5119, 35.1253



37.8039, 41.3967, 25.4003



8.7488, 9.0102, 8.9306



14.6191, 9.7369, 1.1089



0.5172, 0.4207, 0.0539

Inverse Universe

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



29.3683, 32.8367, 48.5064



48.2445, 54.5134, 86.2740



25.1129, 24.3259, 47.0879



8.4695, 9.0851, 10.8135



9.8975, 10.5954, 31.6605



0.3653, 0.4410, 1.0141

Previews

White Background



This preview shows how the XYZ color 33.0366, 31.8622, 23.8108 looks on a white background.

Color Contrast Check

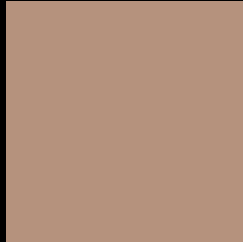
Large Text (above 18pt) WCAG AA × Fail

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 33.0366, 31.8622, 23.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

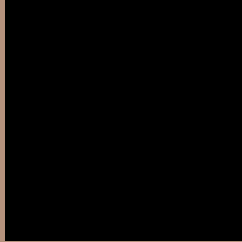
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0366, 31.8622, 23.8108

Background



This preview shows how black text looks on a background with the XYZ color 33.0366, 31.8622, 23.8108.



This preview shows how white text looks on a background with the XYZ color 33.0366, 31.8622,

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

33.0366, 31.8622, 23.8108

Protanopia

30.1878, 32.0224, 25.0119

Deuteranopia

32.4955, 31.8131, 23.8299



Tritanopia

35.1899, 31.8363, 34.4273

Trichromacy



Original Color

33.0366, 31.8622, 23.8108

Protanomaly

31.0993, 31.7800, 24.5737

Deuteranomaly

32.7258, 31.9318, 23.8407

Tritanomaly

34.3088, 31.6954, 30.2961

Monochromacy



Original Color

33.0366, 31.8622, 23.8108

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3344, 32.0089, 30.5134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0366, 31.8622, 23.8108 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(181, 146, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 146, 125)  
}
```

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(181, 146, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 146, 125) }
```

Border

The CSS property to change the border of an element to XYZ 33.0366, 31.8622, 23.8108 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(181, 146, 125) }
```


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

```
.border{ border-color:rgb(181, 146, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 146, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 146, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 146, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 146,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0366, 31.8622, 23.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 146, 125) }
```

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

```
.background{ background-color: rgb(181,  
146, 125) }
```

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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