

Converting Colors

XYZ(33.6570, 31.5144, 33.4166)

Have a look what the booklet for
XYZ(33.6570, 31.5144, 33.4166)
contains.

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Color

**XYZ(33.6906, 31.5280,
33.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	B19097
RGB	177, 144, 151
RGB Percent	69%, 56%, 59%
CMY	0.3059, 0.4353, 0.4078
CMYK	0.00, 0.19, 0.15, 0.31
HSL	347°, 17%, 63%
HSV	347°, 19%, 69%
XYZ	33.6906, 31.5280, 33.5880
YIQ	154.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

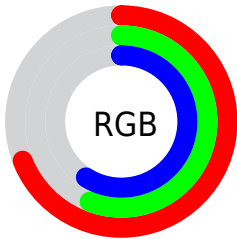
Format	Color
R_{YB}	177, 144, 151
Decimal	11636887
CIE _{Lab}	62.95, 13.55, 0.99
CIE _{LCh}	63, 13.587, 4.162
Yxy	31.5280, 0.3410, 0.3191
Android (android.graphics.Color)	4289826967 (0xFFB19097)
YUV	154.6650, -1.8068, 19.5878
Hunter-Lab	56.1498, 8.8401, 3.8384

Details

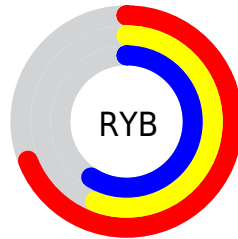
The XYZ color **33.6906, 31.5280, 33.5880** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4806, 40.2766, 43.9889**, and the grayscale version is **31.0108, 32.6258, 35.5294**.

A 20% lighter version of the original color is **64.8178, 62.1196, 66.3316**, and **14.6151, 13.2106, 13.8362** is the 20% darker color. If you saturate the color by 10%, you get **30.1506, 26.1545, 27.1465**, and if you desaturate by 10%, it is **37.7867, 37.7985, 40.8767**.

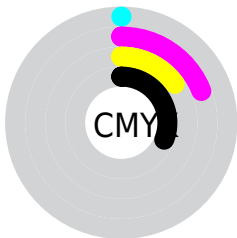
Distribution



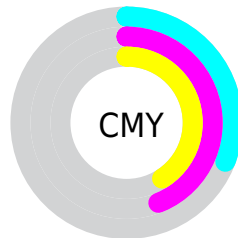
- Red (69%)
- Green (56%)
- Blue (59%)



- Red (69%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6906, 31.5280, 33.5880 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 33.6906, 31.5280, 33.5880 by changing the saturation by 10% instead.


 33.6906, 31.5280,
33.5880


 33.6906, 31.5280,
33.5880


310.3605,
308.9635, 333.0039

 22.8178, 21.0012,
22.3025


 64.7997, 62.0704,
66.4190

 14.5790, 13.1249,
13.8789


 85.7667, 82.8548,
88.8016

 8.6088, 7.5146,
7.8987

110.8292,
107.8273, 115.7203

 4.5420, 3.7860,
3.9433

140.3524,
137.3721, 147.5936

 2.0131, 1.5546,
1.5943

174.7018,
171.8738, 184.8400

 0.6413, 0.3267,
0.2868

214.2427,

 0.0000, 0.0000,

211.7166, 227.8782

0.0000

259.3405,
257.2851, 277.1267

■ 33.6906, 31.5280,
33.5880

■ 33.6906, 31.5280,
33.5880

■ 30.1506, 26.1545,
27.1465

■ 37.7867, 37.7985,
40.8767

■ 27.1400, 21.6330,
21.5193

■ 42.4589, 45.0002,
49.0401

■ 24.6334, 17.9206,
16.6740

■ 47.7295, 53.1703,
58.1067

■ 22.6028, 14.9692,
12.5755

■ 53.6189, 62.3432,
68.1034

■ 21.0171, 12.7258,
9.1858

■ 60.1463, 72.5513,
79.0556

■ 19.8412, 11.1300,
6.4632

■ 67.3303, 83.8254,
90.9879

■ 19.0348, 10.1116,
4.3618

■ 70.9326, 87.6836,
102.5054

■ 18.5310, 9.5487,
2.8231

■ 71.9416, 88.0872,
107.8185

■ 18.4739, 9.4841,
2.6513

Harmonies

Analogous

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



33.3143, 31.5280, 39.0063



33.6906, 31.5280, 33.5880



33.0355, 31.5280, 28.8740

Triad

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



33.6906, 31.5280, 33.5880



27.9958, 31.5280, 26.5062



28.4292, 31.5280, 44.4362

Complementary

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



33.6906, 31.5280, 33.5880



34.4806, 40.2766, 43.9889

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.



27.0935, 31.5280, 40.4303



33.6906, 31.5280, 33.5880



26.8507, 31.5280, 30.0407

Square

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



33.6906, 31.5280, 33.5880



29.7067, 31.5280, 25.0632



26.5273, 31.5280, 35.0801



30.2277, 31.5280, 45.6352

Rectangle

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



33.6906, 31.5280, 33.5880



32.1174, 31.5280, 26.6516



26.5273, 31.5280, 35.0801



27.9137, 31.5280, 43.3542

Sweetspot

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



33.6915, 31.5294, 33.5887



69.6998, 70.8099, 76.7705



34.4552, 31.6517, 45.8886



14.9949, 15.1762, 16.4440



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.



33.6915, 31.5294, 33.5887



57.8582, 52.6899, 55.6734



34.6151, 34.2592, 31.1756



8.5677, 8.5338, 9.2217



13.4036, 6.8790, 2.0196



0.4430, 0.2249, 0.1753

Inverse Universe

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



33.6915, 31.5294, 33.5887



57.8582, 52.6899, 55.6734



33.3766, 36.9808, 46.9741



8.5677, 8.5338, 9.2217



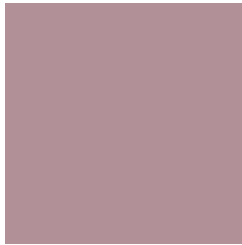
13.4036, 6.8790, 2.0196



0.4430, 0.2249, 0.1753

Previews

White Background



This preview shows how the XYZ color 33.6906, 31.5280, 33.5880 looks on a white background.

Color Contrast Check

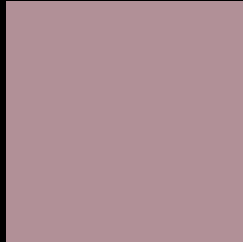
Large Text (above 18pt) WCAG AA × Fail

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 33.6906, 31.5280, 33.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

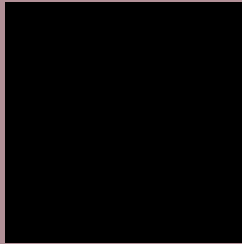
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6906, 31.5280, 33.5880

Background



This preview shows how black text looks on a background with the XYZ color 33.6906, 31.5280, 33.5880.



This preview shows how white text looks on a background with the XYZ color 33.6906, 31.5280,

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

33.6906, 31.5280, 33.5880

Protanopia

30.4711, 31.6931, 35.5217

Deuteranopia

32.2434, 31.7066, 33.2747



Tritanopia

33.8703, 31.3586, 35.2780

Trichromacy



Original Color

33.6906, 31.5280, 33.5880

Protanomaly

31.4805, 31.5094, 34.9946

Deuteranomaly

32.7333, 31.7274, 33.2529

Tritanomaly

33.7867, 31.3251, 34.8375

Monochromacy



Original Color

33.6906, 31.5280, 33.5880

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.0036, 32.2528, 35.1105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6906, 31.5280, 33.5880 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(177, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 151)  
}
```

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(177, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.6906, 31.5280, 33.5880 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(177, 144, 151) }
```


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

```
.border{ border-color:rgb(177, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(177, 144,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6906, 31.5280, 33.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 144, 151) }
```

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

```
.background{ background-color: rgb(177,  
144, 151) }
```

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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