

Converting Colors

XYZ(33.9513, 31.3907, 34.0355)

Have a look what the booklet for
XYZ(33.9513, 31.3907, 34.0355)
contains.

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Color

**XYZ(33.8501, 31.3769,
33.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	B28F98
RGB	178, 143, 152
RGB Percent	70%, 56%, 60%
CMY	0.3020, 0.4392, 0.4039
CMYK	0.00, 0.20, 0.15, 0.30
HSL	345°, 19%, 63%
HSV	345°, 20%, 70%
XYZ	33.8501, 31.3769, 33.9780
YIQ	154.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

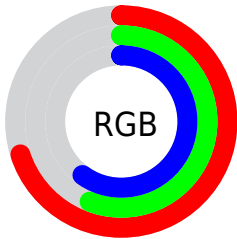
Format	Color
R_{YB}	178, 143, 152
Decimal	11702168
CIE _{Lab}	62.82, 14.65, 0.25
CIE _{LCh}	63, 14.655, 0.967
Yxy	31.3769, 0.3412, 0.3163
Android (android.graphics.Color)	4289892248 (0xFFB28F98)
YUV	154.4910, -1.2281, 20.6174
Hunter-Lab	56.0151, 9.8417, 3.2460

Details

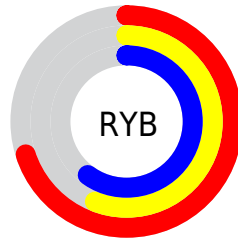
The XYZ color **33.8501, 31.3769, 33.9780** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4108, 40.5459, 43.5507**, and the grayscale version is **30.9314, 32.5423, 35.4386**.

A 20% lighter version of the original color is **65.0385, 61.8812, 66.9089**, and **14.7208, 13.1283, 14.0701** is the 20% darker color. If you saturate the color by 10%, you get **30.3637, 26.0416, 27.7669**, and if you desaturate by 10%, it is **37.8831, 37.6113, 40.9679**.

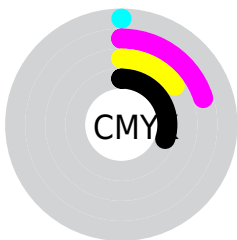
Distribution



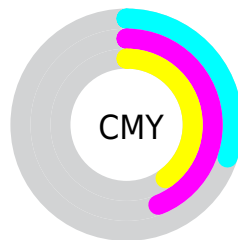
- Red (70%)
- Green (56%)
- Blue (60%)



- Red (70%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (30%)





- Cyan (30%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8501, 31.3769, 33.9780 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 33.8501, 31.3769, 33.9780 by changing the saturation by 10% instead.

 33.8501, 31.3769,
33.9780


 33.8501, 31.3769,
33.9780


311.0608,
308.2710, 334.8001

 22.9408, 20.8860,
22.5995


 65.0463, 61.8330,
67.0330

 14.6703, 13.0407,
14.0955

 86.0640, 82.5670,
89.5465

 8.6731, 7.4566,
8.0476


111.1818,
107.4841, 116.6087

 4.5840, 3.7492,
4.0372

140.7651,
136.9688, 148.6383

 2.0375, 1.5343,
1.6458

175.1794,
171.4054, 186.0536

 0.6549, 0.3127,
0.3232

214.7898,

 0.0000, 0.0000,

211.1784, 229.2734

0.0000

259.9618,
256.6721, 278.7160

■ 33.8501, 31.3769,
33.9780

■ 33.8501, 31.3769,
33.9780

■ 30.3637, 26.0416,
27.7669

■ 37.8831, 37.6113,
40.9679

■ 27.3973, 21.5598,
22.3051

■ 42.4823, 44.7794,
48.7606

■ 24.9261, 17.8880,
17.5643

■ 47.6699, 52.9190,
57.3816

■ 22.9221, 14.9773,
13.5133

■ 53.4658, 62.0647,
66.8546

■ 21.3545, 12.7737,
10.1189

■ 59.8891, 72.2493,
77.2023

■ 20.1886, 11.2157,
7.3445

■ 66.9580, 83.5041,
88.4466

■ 19.3839, 10.2312,
5.1498

■ 70.5362, 87.5514,
99.2240

■ 18.8641, 9.6771,
3.4799

■ 72.1703, 88.2051,
107.8292

■ 18.8487, 9.6605,
3.4312

Harmonies

Analogous

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



33.3258, 31.3769, 39.8135



33.8501, 31.3769, 33.9780



33.2557, 31.3769, 28.7871

Triad

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



33.8501, 31.3769, 33.9780



27.8809, 31.3769, 25.5366



27.9889, 31.3769, 44.7670

Complementary

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



33.8501, 31.3769, 33.9780



34.4108, 40.5459, 43.5507

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.



26.6347, 31.3769, 40.1722



33.8501, 31.3769, 33.9780



26.5743, 31.3769, 29.0762

Square

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



33.8501, 31.3769, 33.9780



29.7577, 31.3769, 24.2623



26.1283, 31.3769, 34.3509



29.8880, 31.3769, 46.4488

Rectangle

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



33.8501, 31.3769, 33.9780



32.3197, 31.3769, 26.2781



26.1283, 31.3769, 34.3509



27.4579, 31.3769, 43.4883

Sweetspot

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



33.8510, 31.3783, 33.9787



71.5448, 72.6311, 79.1494



34.1502, 31.2590, 46.3536



15.7349, 15.9111, 17.3385



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.



33.8510, 31.3783, 33.9787



58.2588, 52.1027, 56.0891



34.4126, 33.6364, 30.6670



8.5830, 8.5399, 9.3028



13.5086, 6.9210, 2.5724



0.4493, 0.2275, 0.2085

Inverse Universe

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



33.8510, 31.3783, 33.9787



58.2588, 52.1027, 56.0891



33.7082, 37.7420, 47.6283



8.5830, 8.5399, 9.3028



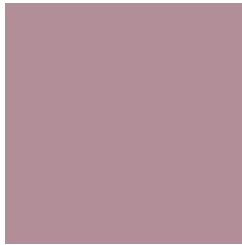
13.5086, 6.9210, 2.5724



0.4493, 0.2275, 0.2085

Previews

White Background



This preview shows how the XYZ color 33.8501, 31.3769, 33.9780 looks on a white background.

Color Contrast Check

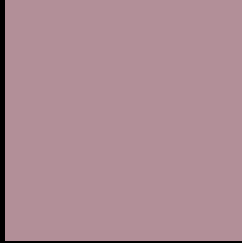
Large Text (above 18pt) WCAG AA × Fail

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 33.8501, 31.3769, 33.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

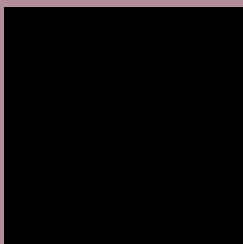
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8501, 31.3769, 33.9780

Background



This preview shows how black text looks on a background with the XYZ color 33.8501, 31.3769, 33.9780.



This preview shows how white text looks on a background with the XYZ color 33.8501, 31.3769,

33.9780.

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

33.8501, 31.3769, 33.9780

Protanopia

30.4788, 31.4376, 36.3599

Deuteranopia

31.9560, 31.3173, 33.6387



Tritanopia

34.0153, 31.4430, 34.8482

Trichromacy



Original Color

33.8501, 31.3769, 33.9780

Protanomaly

31.6106, 31.3329, 35.3921

Deuteranomaly

32.6594, 31.4501, 33.6273

Tritanomaly

33.9323, 31.4098, 34.4113

Monochromacy



Original Color

33.8501, 31.3769, 33.9780

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.7604, 31.8991, 34.6202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8501, 31.3769, 33.9780 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(178, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(178, 143, 152)  
}
```

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(178, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 33.8501, 31.3769, 33.9780 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(178, 143, 152) }
```


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

```
.border{ border-color:rgb(178, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(178, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8501, 31.3769, 33.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 143, 152) }
```

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

```
.background{ background-color: rgb(178,  
143, 152) }
```

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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