

Converting Colors

XYZ(34.3798, 31.8126, 34.6609)

Have a look what the booklet for
XYZ(34.3798, 31.8126, 34.6609)
contains.

XYZ(34.3134, 31.8301, 34.4723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.3134, 31.8301,
34.4723)**

Conversions

Conversions Part 1

Format	Color
Hex	B39099
RGB	179, 144, 153
RGB Percent	70%, 56%, 60%
CMY	0.2980, 0.4353, 0.4000
CMYK	0.00, 0.20, 0.15, 0.30
HSL	345°, 19%, 63%
HSV	345°, 20%, 70%
XYZ	34.3134, 31.8301, 34.4723
YIQ	155.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

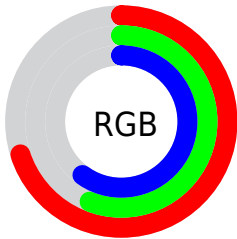
Format	Color
RYB	179, 144, 153
Decimal	11767961
CIELab	63.20, 14.63, 0.24
CIELCh	63, 14.636, 0.954
Yxy	31.8301, 0.3410, 0.3164
Android (android.graphics.Color)	4289958041 (0xFFB39099)
YUV	155.4910, -1.2281, 20.6174
Hunter-Lab	56.4182, 9.8315, 3.2657

Details

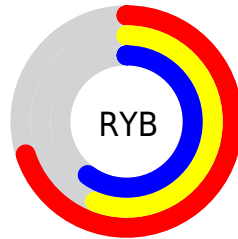
The XYZ color **34.3134, 31.8301, 34.4723** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8786, 41.0725, 44.1216**, and the grayscale version is **31.3738, 33.0076, 35.9453**.

A 20% lighter version of the original color is **65.7175, 62.5553, 67.6422**, and **14.9168, 13.2236, 14.3366** is the 20% darker color. If you saturate the color by 10%, you get **30.7764, 26.4168, 28.1730**, and if you desaturate by 10%, it is **38.4045, 38.1549, 41.5611**.

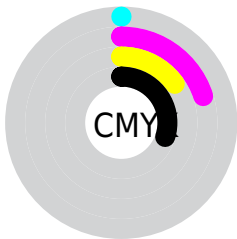
Distribution



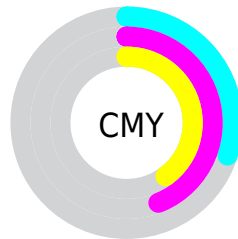
- Red (70%)
- Green (56%)
- Blue (60%)



- 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 34.3134, 31.8301, 34.4723 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 34.3134, 31.8301, 34.4723 by changing the saturation by 10% instead.


 34.3134, 31.8301,
34.4723


 34.3134, 31.8301,
34.4723

313.0886,
310.3446, 337.0661

 23.2985, 21.2318,
22.9764


 65.7618, 62.5446,
67.8097

 14.9360, 13.2935,
14.3709


 86.9260, 83.4296,
90.4883

 8.8605, 7.6310,
8.2374


112.2040,
108.5123, 117.7315

 4.7067, 3.8597,
4.1573

141.9612,
138.1770, 149.9580

 2.1092, 1.5954,
1.7120

176.5629,
172.8082, 187.5861

 0.6942, 0.3545,
0.3690

216.3744,

 0.0000, 0.0000,

212.7903, 231.0344

0.0000

261.7612,
258.5076, 280.7216

■ 34.3134, 31.8301,
34.4723

■ 34.3134, 31.8301,
34.4723

■ 30.7764, 26.4168,
28.1730

■ 38.4045, 38.1549,
41.5611

■ 27.7667, 21.8688,
22.6333

■ 43.0696, 45.4263,
49.4636

■ 25.2590, 18.1422,
17.8245

■ 48.3312, 53.6826,
58.2058

■ 23.2250, 15.1873,
13.7151

■ 54.2094, 62.9588,
67.8116

■ 21.6336, 12.9494,
10.2713

■ 60.7237, 73.2882,
78.3041

■ 20.4494, 11.3662,
7.4561

■ 67.8924, 84.7025,
89.7055

■ 19.6317, 10.3649,
5.2287

■ 70.9989, 87.7631,
100.4589

■ 19.1046, 9.8034,
3.5340

■ 72.4005, 88.3238,
107.8400

■ 19.0840, 9.7812,
3.4686

Harmonies

Analogous

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



33.7845, 31.8301, 40.3546



34.3134, 31.8301, 34.4723



33.7148, 31.8301, 29.2357

Triad

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



34.3134, 31.8301, 34.4723



28.2959, 31.8301, 25.9521



28.4034, 31.8301, 45.3416

Complementary

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



34.3134, 31.8301, 34.4723



34.8786, 41.0725, 44.1216

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.



27.0377, 31.8301, 40.7114



34.3134, 31.8301, 34.4723



26.9776, 31.8301, 29.5237

Square

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



34.3134, 31.8301, 34.4723



30.1888, 31.8301, 24.6664



26.5273, 31.8301, 34.8435



30.3184, 31.8301, 47.0370

Rectangle

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



34.3134, 31.8301, 34.4723



32.7716, 31.8301, 26.7030



26.5273, 31.8301, 34.8435



27.8679, 31.8301, 44.0531

Sweetspot

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



34.3143, 31.8315, 34.4730



71.5448, 72.6311, 79.1494



34.6166, 31.7116, 46.9446



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.



34.3143, 31.8315, 34.4730



58.9094, 53.0991, 57.2456



34.8808, 34.1092, 31.1326



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.



34.3143, 31.8315, 34.4730



58.9094, 53.0991, 57.2456



34.1708, 38.2478, 48.2297



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 34.3134, 31.8301, 34.4723 looks on a white background.

Color Contrast Check

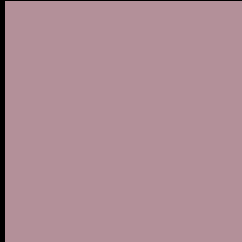
Large Text (above 18pt) WCAG AA × Fail

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 34.3134, 31.8301, 34.4723 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 34.3134, 31.8301, 34.4723

Background



This preview shows how black text looks on a background with the XYZ color 34.3134, 31.8301, 34.4723.



This preview shows how white text looks on a background with the XYZ color 34.3134, 31.8301,

34.4723.

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

34.3134, 31.8301, 34.4723

Protanopia

30.9174, 31.8937, 36.8743

Deuteranopia

32.4058, 31.7716, 34.1303



Tritanopia

34.4801, 31.8968, 35.3497

Trichromacy



Original Color

34.3134, 31.8301, 34.4723

Protanomaly

32.0580, 31.7877, 35.8985

Deuteranomaly

33.1145, 31.9051, 34.1187

Tritanomaly

34.3964, 31.8633, 34.9092

Monochromacy



Original Color

34.3134, 31.8301, 34.4723

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.2092, 32.3588, 35.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3134, 31.8301, 34.4723 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(179, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(179, 144, 153)  
}
```

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(179, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 144, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.3134, 31.8301, 34.4723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

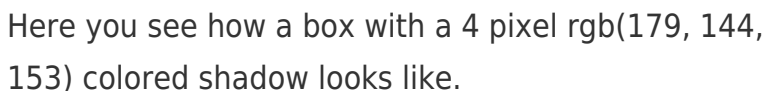
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 144, 153) }
```


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

```
.border{ border-color:rgb(179, 144, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 144, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 144, 153); box-shadow:4px 4px 4px 4px rgb(179, 144, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3134, 31.8301, 34.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 144, 153) }
```

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

```
.background{ background-color: rgb(179,  
144, 153) }
```

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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