

Converting Colors

XYZ(34.5315, 30.9827, 33.2435)

Have a look what the booklet for
XYZ(34.5315, 30.9827, 33.2435)
contains.

XYZ(34.7312, 31.1809, 33.4661)	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(34.7312, 31.1809,
33.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	B88C97
RGB	184, 140, 151
RGB Percent	72%, 55%, 59%
CMY	0.2784, 0.4510, 0.4078
CMYK	0.00, 0.24, 0.18, 0.28
HSL	345°, 24%, 64%
HSV	345°, 24%, 72%
XYZ	34.7312, 31.1809, 33.4661
YIQ	154.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

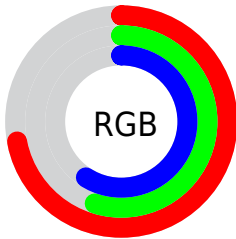
Format	Color
RYB	184, 140, 151
Decimal	12094615
CIELab	62.66, 18.41, 0.65
CIELCh	63, 18.422, 2.017
Yxy	31.1809, 0.3495, 0.3138
Android (android.graphics.Color)	4290284695 (0xFFB88C97)
YUV	154.4100, -1.6811, 25.9504
Hunter-Lab	55.8399, 13.3034, 3.5541

Details

The XYZ color **34.7312, 31.1809, 33.4661** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4999, 42.8744, 45.9419**, and the grayscale version is **30.8963, 32.5053, 35.3982**.

A 20% lighter version of the original color is **66.5869, 61.6921, 66.1559**, and **15.1623, 12.9783, 13.7625** is the 20% darker color. If you saturate the color by 10%, you get **31.2081, 25.8244, 27.0819**, and if you desaturate by 10%, it is **38.8369, 37.4918, 40.6927**.

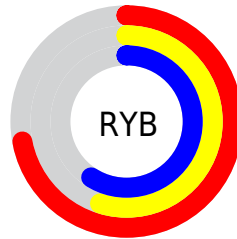
Distribution



Red (72%)

Green (55%)

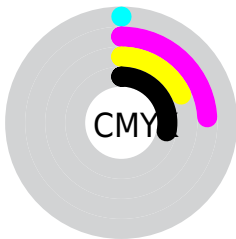
Blue (59%)



Red (72%)

Yellow (55%)

Blue (59%)

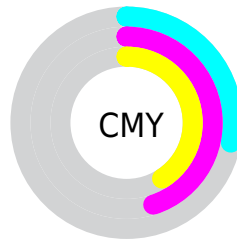


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (28%)



Cyan (28%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7312, 31.1809, 33.4661 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 34.7312, 31.1809, 33.4661 by changing the saturation by 10% instead.


 34.7312, 31.1809,
33.4661


 34.7312, 31.1809,
33.4661


314.9091,
307.3709, 332.4410


 23.6214, 20.7366,
22.2097


 66.4059, 61.5248,
66.2269

 15.1762, 12.9316,
13.8113


 87.7016, 82.1932,
88.5684

 9.0303, 7.3815,
7.8523


 113.1232,
107.0384, 115.4421

 4.8182, 3.7018,
3.9142

143.0363,
136.4449, 147.2664

 2.1747, 1.5082,
1.5784

177.8060,
170.7969, 184.4599

 0.7293, 0.2945,
0.2753

217.7978,

 0.0000, 0.0000,

210.4790, 227.4411

0.0000

263.3771,
255.8755, 276.6286

■ 34.7312, 31.1809,
33.4661

■ 34.7312, 31.1809,
33.4661

■ 31.2081, 25.8244,
27.0819

■ 38.8369, 37.4918,
40.6927

■ 28.2381, 21.3717,
21.5068

■ 43.5475, 44.7963,
48.7891

■ 25.7930, 17.7737,
16.7084

■ 48.8877, 53.1362,
57.7841

■ 23.8412, 14.9751,
12.6511

■ 54.8796, 62.5500,
67.7045

■ 22.3473, 12.9138,
9.2964

■ 61.5445, 73.0741,
78.5758

■ 21.2710, 11.5188,
6.6021

■ 68.9026, 84.7431,
90.4228

■ 20.5645, 10.7045,
4.5209

■ 72.4100, 88.4635,
101.7481

■ 20.2603, 10.3876,
3.5208

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

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



34.1105, 31.1809, 40.8648



34.7312, 31.1809, 33.4661



33.9241, 31.1809, 27.1313

Triad

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



34.7312, 31.1809, 33.4661



27.1484, 31.1809, 23.5193



27.4271, 31.1809, 47.6923

Complementary

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



34.7312, 31.1809, 33.4661



35.4999, 42.8744, 45.9419

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.



25.7263, 31.1809, 41.8265



34.7312, 31.1809, 33.4661



25.5719, 31.1809, 27.8641

Square

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



34.7312, 31.1809, 33.4661



29.4668, 31.1809, 21.9163



25.0661, 31.1809, 34.4400



29.8069, 31.1809, 49.7390

Rectangle

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



34.7312, 31.1809, 33.4661



32.7100, 31.1809, 24.1719



25.0661, 31.1809, 34.4400



26.7618, 31.1809, 46.0645

Sweetspot

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



34.7321, 31.1823, 33.4667



76.0810, 76.7583, 83.5620



35.2645, 31.1026, 49.4926



16.2906, 16.3754, 17.8243



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.7321, 31.1823, 33.4667



59.2731, 50.9043, 54.0307



35.5685, 34.2184, 29.5428



9.0942, 9.0481, 9.8437



13.9876, 7.1688, 2.5554



0.5187, 0.2629, 0.2247

Inverse Universe

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



34.7321, 31.1823, 33.4667



59.2731, 50.9043, 54.0307



34.4117, 38.9244, 51.0473



9.0942, 9.0481, 9.8437



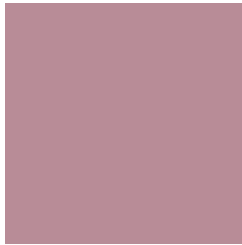
13.9876, 7.1688, 2.5554



0.5187, 0.2629, 0.2247

Previews

White Background



This preview shows how the XYZ color 34.7312, 31.1809, 33.4661 looks on a white background.

Color Contrast Check

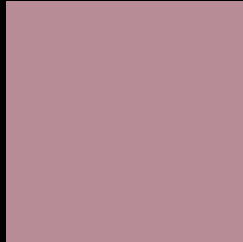
Large Text (above 18pt) WCAG AA × Fail

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 34.7312, 31.1809, 33.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

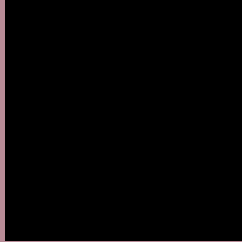
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7312, 31.1809, 33.4661

Background



This preview shows how black text looks on a background with the XYZ color 34.7312, 31.1809, 33.4661.



This preview shows how white text looks on a background with the XYZ color 34.7312, 31.1809,

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

34.7312, 31.1809, 33.4661

Protanopia

30.2893, 31.3398, 36.3511

Deuteranopia

31.8751, 31.2849, 33.2128



Tritanopia

34.7312, 31.1809, 33.4661

Trichromacy



Original Color

34.7312, 31.1809, 33.4661

Protanomaly

31.6600, 31.1265, 35.3497

Deuteranomaly

32.7119, 31.0328, 33.1200

Tritanomaly

34.7312, 31.1809, 33.4661

Monochromacy



Original Color

34.7312, 31.1809, 33.4661

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0143, 31.7941, 34.5865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7312, 31.1809, 33.4661 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(184, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 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(184, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.7312, 31.1809, 33.4661 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(184, 140, 151) }
```


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

```
.border{ border-color:rgb(184, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7312, 31.1809, 33.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 151) }
```

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

```
.background{ background-color: rgb(184,  
140, 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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