

Converting Colors

XYZ(34.8092, 31.3398, 32.4797)

Have a look what the booklet for
XYZ(34.8092, 31.3398, 32.4797)
contains.

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Color

**XYZ(34.8105, 31.2404,
32.6291)**

Conversions

Conversions Part 1

Format	Color
Hex	B98C95
RGB	185, 140, 149
RGB Percent	73%, 55%, 58%
CMY	0.2745, 0.4510, 0.4157
CMYK	0.00, 0.24, 0.19, 0.27
HSL	348°, 24%, 64%
HSV	348°, 24%, 73%
XYZ	34.8105, 31.2404, 32.6291
YIQ	154.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

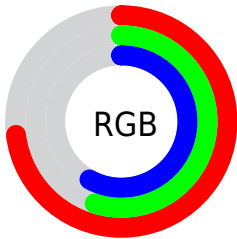
Format	Color
RYB	185, 140, 149
Decimal	12160149
CIELab	62.71, 18.47, 1.87
CIELCh	63, 18.561, 5.780
Yxy	31.2404, 0.3528, 0.3166
Android (android.graphics.Color)	4290350229 (0xFFB98C95)
YUV	154.4810, -2.7021, 26.7652
Hunter-Lab	55.8931, 13.3577, 4.5131

Details

The XYZ color **34.8105, 31.2404, 32.6291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0019, 43.4087, 47.5576**, and the grayscale version is **30.9315, 32.5423, 35.4386**.

A 20% lighter version of the original color is **66.6892, 61.7726, 64.9083**, and **15.2208, 13.0195, 13.2661** is the 20% darker color. If you saturate the color by 10%, you get **31.2236, 25.8389, 25.9692**, and if you desaturate by 10%, it is **39.0038, 37.6138, 40.2329**.

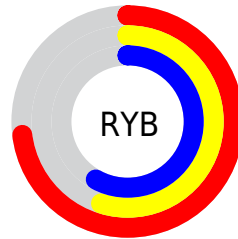
Distribution



Red (73%)

Green (55%)

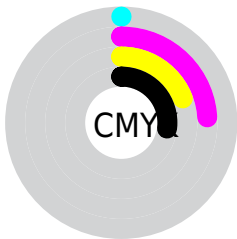
Blue (58%)



Red (73%)

Yellow (55%)

Blue (58%)

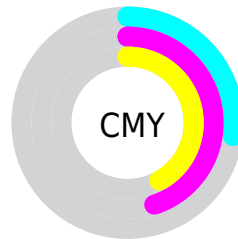


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8105, 31.2404, 32.6291 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 34.8105, 31.2404, 32.6291 by changing the saturation by 10% instead.


 34.8105, 31.2404,
32.6291


 34.8105, 31.2404,
32.6291


315.2538,
307.6443, 328.5557


 23.6828, 20.7820,
21.5737


 66.5281, 61.6184,
64.9054

 15.2219, 12.9647,
13.3487


 87.8486, 82.3067,
86.9633

 9.0626, 7.4043,
7.5355


 113.2974,
107.1738, 113.5257

 4.8395, 3.7162,
3.7157

143.2400,
136.6040, 145.0113

 2.1872, 1.5161,
1.4707

178.0415,
170.9818, 181.8386

 0.7360, 0.3000,
0.1960

218.0674,

 0.0000, 0.0000,

210.6915, 224.4261

0.0000

263.6831,
256.1175, 273.1923

■ 34.8105, 31.2404,
32.6291

■ 34.8105, 31.2404,
32.6291

■ 31.2236, 25.8389,
25.9692

■ 39.0038, 37.6138,
40.2329

■ 28.2122, 21.3573,
20.2140

■ 43.8274, 44.9991,
48.8136

■ 25.7465, 17.7453,
15.3246

■ 49.3070, 53.4395,
58.4051

■ 23.7930, 14.9460,
11.2583

■ 55.4660, 62.9741,
69.0391

■ 22.3143, 12.8959,
7.9688

■ 62.3269, 73.6403,
80.7459

■ 21.2679, 11.5216,
5.4049

■ 69.9108, 85.4736,
93.5545

■ 20.6030, 10.7350,
3.5086

■ 73.4351, 88.9013,
105.8917

■ 20.3415, 10.4479,
2.6939

■ 73.8177, 89.0544,
107.9063

Harmonies

Analogous

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



34.3630, 31.2404, 40.0686



34.8105, 31.2404, 32.6291



33.8249, 31.2404, 26.4901

Triad

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



34.8105, 31.2404, 32.6291



26.9338, 31.2404, 23.9023



27.7383, 31.2404, 48.3980

Complementary

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



34.8105, 31.2404, 32.6291



36.0019, 43.4087, 47.5576

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.



25.9122, 31.2404, 42.8460



34.8105, 31.2404, 32.6291



25.4666, 31.2404, 28.6049

Square

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



34.8105, 31.2404, 32.6291



29.2049, 31.2404, 21.9330



25.1035, 31.2404, 35.4406



30.1866, 31.2404, 49.8772

Rectangle

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



34.8105, 31.2404, 32.6291



32.5190, 31.2404, 23.7304



25.1035, 31.2404, 35.4406



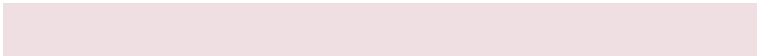
27.0358, 31.2404, 46.9111

Sweetspot

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



34.8114, 31.2418, 32.6297



75.9653, 76.7121, 82.9532



36.0406, 31.4906, 50.0780



16.2638, 16.3647, 17.6831



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.



34.8114, 31.2418, 32.6297



58.9039, 50.7567, 52.0868



36.2155, 35.1555, 29.6897



9.0761, 9.0408, 9.7480



13.8720, 7.1226, 1.9469



0.5110, 0.2599, 0.1843

Inverse Universe

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



34.8114, 31.2418, 32.6297



58.9039, 50.7567, 52.0868



34.2309, 38.3944, 51.5059



9.0761, 9.0408, 9.7480



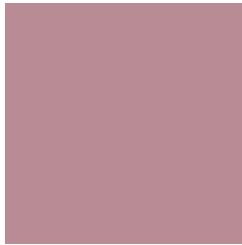
13.8720, 7.1226, 1.9469



0.5110, 0.2599, 0.1843

Previews

White Background



This preview shows how the XYZ color 34.8105, 31.2404, 32.6291 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 34.8105, 31.2404, 32.6291 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 34.8105, 31.2404, 32.6291

Background



This preview shows how black text looks on a background with the XYZ color 34.8105, 31.2404, 32.6291.



This preview shows how white text looks on a background with the XYZ color 34.8105, 31.2404,

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

34.8105, 31.2404, 32.6291

Protanopia

30.3094, 31.3698, 35.4678

Deuteranopia

31.9275, 31.3304, 32.3816



Tritanopia

34.9716, 31.3048, 33.4774

Trichromacy



Original Color

34.8105, 31.2404, 32.6291

Protanomaly

31.7005, 31.1667, 34.4820

Deuteranomaly

32.7741, 31.0833, 32.2893

Tritanomaly

34.8907, 31.2725, 33.0514

Monochromacy



Original Color

34.8105, 31.2404, 32.6291

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.9320, 31.7612, 34.1533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8105, 31.2404, 32.6291 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(185, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(185, 140, 149)  
}
```

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(185, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 140, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.8105, 31.2404, 32.6291 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(185, 140, 149) }
```


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

```
.border{ border-color:rgb(185, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(185, 140,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8105, 31.2404, 32.6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 140, 149) }
```

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

```
.background{ background-color: rgb(185,  
140, 149) }
```

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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