

Converting Colors

XYZ(34.2043, 31.8589, 30.3749)

Have a look what the booklet for
XYZ(34.2043, 31.8589, 30.3749)
contains.

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Color

**XYZ(34.2226, 31.8748,
30.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	B6908F
RGB	182, 144, 143
RGB Percent	71%, 56%, 56%
CMY	0.2863, 0.4353, 0.4392
CMYK	0.00, 0.21, 0.21, 0.29
HSL	2°, 21%, 64%
HSV	2°, 21%, 71%
XYZ	34.2226, 31.8748, 30.3353
YIQ	155.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

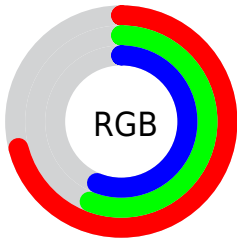
Format	Color
R_{YB}	182, 144, 143
Decimal	11964559
CIE Lab	63.24, 14.16, 5.99
CIE LCh	63, 15.377, 22.944
Yxy	31.8748, 0.3549, 0.3305
Android (android.graphics.Color)	4290154639 (0xFFB6908F)
YUV	155.2480, -6.0383, 23.4615
Hunter-Lab	56.4578, 9.3990, 7.6634

Details

The XYZ color **34.2226, 31.8748, 30.3353** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2946, 42.2636, 50.5010**, and the grayscale version is **31.2851, 32.9143, 35.8437**.

A 20% lighter version of the original color is **65.5320, 62.5965, 61.4518**, and **14.7922, 13.2082, 12.1257** is the 20% darker color. If you saturate the color by 10%, you get **30.4763, 26.4123, 22.8273**, and if you desaturate by 10%, it is **38.6162, 38.2733, 39.1634**.

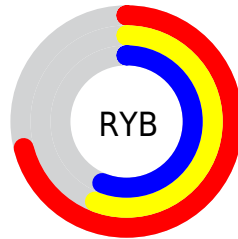
Distribution



Red (71%)

Green (56%)

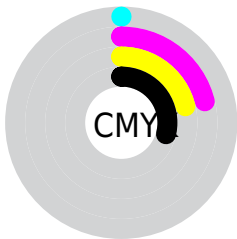
Blue (56%)



Red (71%)

Yellow (56%)

Blue (56%)

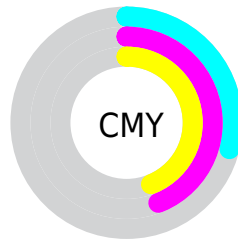


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2226, 31.8748, 30.3353 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 34.2226, 31.8748, 30.3353 by changing the saturation by 10% instead.


 34.2226, 31.8748,
30.3353


 34.2226, 31.8748,
30.3353


312.6920,
310.5485, 317.7201

 23.2284, 21.2659,
19.8390

 65.6217, 62.6148,
61.2593

 14.8838, 13.3185,
12.0952


 86.7572, 83.5146,
82.5241

 8.8237, 7.6482,
6.6852


112.0039,
108.6135, 108.2155

 4.6825, 3.8707,
3.1906

141.7271,
138.2960, 138.7520

 2.0951, 1.6015,
1.1927

176.2921,
172.9463, 174.5521

 0.6865, 0.3586,
0.0000

216.0644,

 0.0000, 0.0000,

212.9489, 216.0345

0.0000

261.4092,
258.6882, 263.6177

■ 34.2226, 31.8748,
30.3353

■ 34.2226, 31.8748,
30.3353

■ 30.4763, 26.4123,
22.8273

■ 38.6162, 38.2733,
39.1634

■ 27.3442, 21.8380,
16.5740

■ 43.6829, 45.6442,
49.3687

■ 24.7944, 18.1060,
11.5078

■ 49.4502, 54.0272,
61.0072

■ 22.7910, 15.1652,
7.5536

■ 55.9434, 63.4586,
74.1313

■ 21.2941, 12.9585,
4.6278

■ 63.1866, 73.9729,
88.7907

■ 20.2582, 11.4212,
2.6351

■ 71.2025, 85.6030,
105.0330

■ 19.6302, 10.4776,
1.4625

■ 73.1015, 88.6851,
107.8728

■ 19.3423, 10.0468,
0.9198

Harmonies

Analogous

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



34.5411, 31.8748, 36.1657



34.2226, 31.8748, 30.3353



32.8293, 31.8748, 26.1689

Triad

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



34.2226, 31.8748, 30.3353



27.1464, 31.8748, 28.1126



29.7962, 31.8748, 47.6839

Complementary

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



34.2226, 31.8748, 30.3353



36.2946, 42.2636, 50.5010

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.



27.8966, 31.8748, 44.9237



34.2226, 31.8748, 30.3353



26.4139, 31.8748, 33.2866

Square

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



34.2226, 31.8748, 30.3353



28.7287, 31.8748, 24.9944



26.6819, 31.8748, 39.4781



31.9194, 31.8748, 46.6552

Rectangle

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



34.2226, 31.8748, 30.3353



31.5121, 31.8748, 24.6650



26.6819, 31.8748, 39.4781



29.1117, 31.8748, 47.1585

Sweetspot

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



34.2235, 31.8763, 30.3360



74.7483, 76.2828, 80.5406



37.4906, 32.9410, 48.2871



16.3781, 16.6573, 17.5242



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.



34.2235, 31.8763, 30.3360



58.4989, 52.6198, 47.8842



37.3735, 38.1763, 31.3860



9.0226, 9.0482, 9.3778



13.6668, 7.1100, 0.6520



0.4881, 0.2633, 0.0251

Inverse Universe

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



36.2946, 42.2636, 50.5010



62.9675, 75.0338, 91.3999



32.6655, 35.0052, 49.2912



9.2463, 10.1699, 11.5551



17.1176, 24.6948, 35.1175



0.6097, 0.8831, 1.2401

Previews

White Background



This preview shows how the XYZ color 34.2226, 31.8748, 30.3353 looks on a white background.

Color Contrast Check

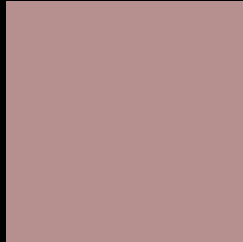
Large Text (above 18pt) WCAG AA × Fail

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 34.2226, 31.8748, 30.3353 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 34.2226, 31.8748, 30.3353

Background



This preview shows how black text looks on a background with the XYZ color 34.2226, 31.8748, 30.3353.



This preview shows how white text looks on a background with the XYZ color 34.2226, 31.8748,

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

34.2226, 31.8748, 30.3353

Protanopia

30.6412, 32.0887, 32.5957

Deuteranopia

32.4856, 31.9035, 30.0370



Tritanopia

34.9512, 31.7132, 34.4161

Trichromacy



Original Color

34.2226, 31.8748, 30.3353

Protanomaly

31.8205, 31.9950, 31.6927

Deuteranomaly

33.2207, 32.0505, 30.0266

Tritanomaly

34.7757, 31.8821, 32.7548

Monochromacy



Original Color

34.2226, 31.8748, 30.3353

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.1696, 32.3669, 33.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2226, 31.8748, 30.3353 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(182, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 144, 143)  
}
```

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(182, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 144, 143) }
```

Border

The CSS property to change the border of an element to XYZ 34.2226, 31.8748, 30.3353 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(182, 144, 143) }
```


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

```
.border{ border-color:rgb(182, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 144,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2226, 31.8748, 30.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 144, 143) }
```

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

```
.background{ background-color: rgb(182,  
144, 143) }
```

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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