

Converting Colors

XYZ(33.3561, 31.0418, 31.5420)

Have a look what the booklet for
XYZ(33.3561, 31.0418, 31.5420)
contains.

| | |
|--|----|
| XYZ(33.2214, 30.8863, 31.4048) | 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(33.2214, 30.8863,
31.4048)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B28E92 |
| RGB | 178, 142, 146 |
| RGB Percent | 70%, 56%, 57% |
| CMY | 0.3020, 0.4431, 0.4274 |
| CMYK | 0.00, 0.20, 0.18, 0.30 |
| HSL | 353°, 19%, 63% |
| HSV | 353°, 20%, 70% |
| XYZ | 33.2214, 30.8863, 31.4048 |
| YIQ | 153.2200, 20.1720, 8.8760 |

Conversions

Conversions Part 2

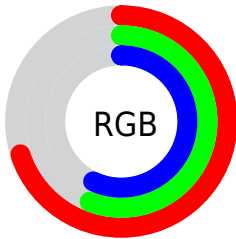
| Format | Color |
|-------------------------------------|--|
| RYB | 178, 142, 146 |
| Decimal | 11701906 |
| CIELab | 62.41, 14.23, 3.05 |
| CIELCh | 62, 14.548, 12.101 |
| Yxy | 30.8863, 0.3478, 0.3234 |
| Android (android.graphics.Color) | 4289891986 (0xFFB28E92) |
| YUV | 153.2200, -3.5595, 21.7321 |
| Hunter-Lab | 55.5754, 9.4451, 5.3990 |

Details

The XYZ color **33.2214, 30.8863, 31.4048** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7170, 40.6483, 46.0626**, and the grayscale version is **30.3836, 31.9660, 34.8109**.

A 20% lighter version of the original color is **64.0969, 61.1424, 63.0670**, and **14.3959, 12.8588, 12.7896** is the 20% darker color. If you saturate the color by 10%, you get **29.6347, 25.5481, 24.5509**, and if you desaturate by 10%, it is **37.4032, 37.1413, 39.2984**.

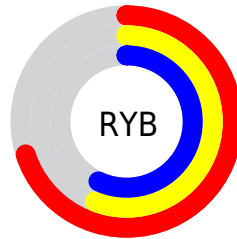
Distribution



Red (70%)

Green (56%)

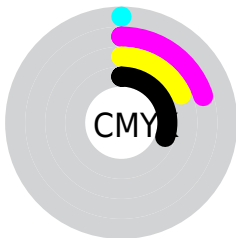
Blue (57%)



Red (70%)

Yellow (56%)

Blue (57%)

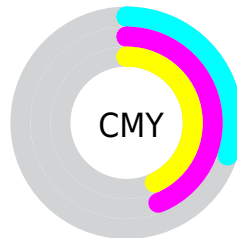


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (30%)



Cyan (30%)

Magenta (44%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2214, 30.8863, 31.4048 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 33.2214, 30.8863, 31.4048 by changing the saturation by 10% instead.


 33.2214, 30.8863,
31.4048


 33.2214, 30.8863,
31.4048


308.2936,
306.0142, 322.8077


 22.4562, 20.5123,
20.6462


 64.0734, 61.0610,
62.9639

 14.3109, 12.7680,
12.6769


 84.8909, 81.6305,
84.6014

 8.4204, 7.2690,
7.0784


 109.7898,
106.3673, 110.7024

 4.4192, 3.6309,
3.4320

139.1355,
135.6557, 141.6854

 1.9419, 1.4693,
1.3192

173.2934,
169.8802, 177.9689

 0.6010, 0.2670,
0.0775

212.6288,

 0.0000, 0.0000,

209.4252, 219.9714

0.0000

257.5071,
254.6751, 268.1115

■ 33.2214, 30.8863,
31.4048

■ 33.2214, 30.8863,
31.4048

■ 29.6347, 25.5481,
24.5509

■ 37.4032, 37.1413,
39.2984

■ 26.6134, 21.0796,
18.6914

■ 42.2027, 44.3489,
48.2705

■ 24.1295, 17.4360,
13.7806

■ 47.6445, 52.5482,
58.3604

■ 22.1510, 14.5666,
9.7684

■ 53.7513, 61.7747,
69.6046

■ 20.6431, 12.4155,
6.6001

■ 60.5444, 72.0623,
82.0382

■ 19.5661, 10.9187,
4.2150

■ 68.0443, 83.4432,
95.6947

■ 18.8739, 10.0013,
2.5441

■ 72.1702, 88.2050,
107.8292

■ 18.4844, 9.5147,
1.5131

Harmonies

Analogous

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



33.1138, 30.8863, 37.0782



33.2214, 30.8863, 31.4048



32.2600, 30.8863, 26.8635

Triad

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



33.2214, 30.8863, 31.4048



26.8875, 30.8863, 26.2006



28.2068, 30.8863, 45.0556

Complementary

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



33.2214, 30.8863, 31.4048



34.7170, 40.6483, 46.0626

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.



26.6327, 30.8863, 41.4467



33.2214, 30.8863, 31.4048



25.8948, 30.8863, 30.4024

Square

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



33.2214, 30.8863, 31.4048



28.5689, 30.8863, 24.0920



25.8036, 30.8863, 35.9578



30.1584, 30.8863, 45.4018

Rectangle

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



33.2214, 30.8863, 31.4048



31.1663, 30.8863, 24.9184



25.8036, 30.8863, 35.9578



27.6182, 30.8863, 44.1666

Sweetspot

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



33.2223, 30.8877, 31.4054



71.2743, 72.5229, 77.7249



35.1208, 31.5375, 46.3560



15.6691, 15.8848, 16.9923



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.



33.2223, 30.8877, 31.4054



57.3901, 51.7553, 51.5148



35.0985, 35.1290, 30.5236



8.5335, 8.5201, 9.0416



13.2379, 6.8127, 1.1471



0.4289, 0.2193, 0.1010

Inverse Universe

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



33.2223, 30.8877, 31.4054



57.3901, 51.7553, 51.5148



32.5037, 35.5888, 47.2760



8.5335, 8.5201, 9.0416



13.2379, 6.8127, 1.1471



0.4289, 0.2193, 0.1010

Previews

White Background



This preview shows how the XYZ color 33.2214, 30.8863, 31.4048 looks on a white background.

Color Contrast Check

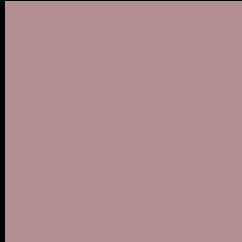
Large Text (above 18pt) WCAG AA × Fail

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 33.2214, 30.8863, 31.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

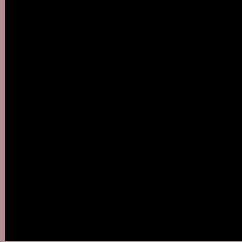
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2214, 30.8863, 31.4048

Background



This preview shows how black text looks on a background with the XYZ color 33.2214, 30.8863, 31.4048.



This preview shows how white text looks on a background with the XYZ color 33.2214, 30.8863,

31.4048.

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

33.2214, 30.8863, 31.4048

Protanopia

29.8187, 30.9171, 33.6741

Deuteranopia

31.5382, 30.9269, 31.0953



Tritanopia

33.7828, 30.9005, 33.8896

Trichromacy



Original Color

33.2214, 30.8863, 31.4048

Protanomaly

30.9628, 30.8239, 32.7515

Deuteranomaly

32.2495, 31.0658, 31.0846

Tritanomaly

33.6203, 30.8355, 33.0340

Monochromacy



Original Color

33.2214, 30.8863, 31.4048

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1528, 31.3783, 33.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2214, 30.8863, 31.4048 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, 142, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 142, 146)  
}
```

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, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 142, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.2214, 30.8863, 31.4048 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, 142, 146) }
```


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

```
.border{ border-color:rgb(178, 142, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 142, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 142, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 142,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2214, 30.8863, 31.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 142, 146) }
```

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

```
.background{ background-color: rgb(178,  
142, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor