

Converting Colors

XYZ(30.4649, 28.1300, 30.3524)

Have a look what the booklet for
XYZ(30.4649, 28.1300, 30.3524)
contains.

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Color

**XYZ(30.4158, 28.1680,
30.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8890
RGB	170, 136, 144
RGB Percent	67%, 53%, 56%
CMY	0.3333, 0.4667, 0.4353
CMYK	0.00, 0.20, 0.15, 0.33
HSL	346°, 17%, 60%
HSV	346°, 20%, 67%
XYZ	30.4158, 28.1680, 30.2194
YIQ	147.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

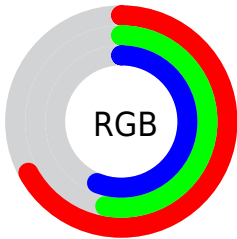
Format	Color
RYB	170, 136, 144
Decimal	11176080
CIELab	60.04, 14.24, 0.65
CIELCh	60, 14.253, 2.596
Yxy	28.1680, 0.3425, 0.3172
Android (android.graphics.Color)	4289366160 (0xFFAA8890)
YUV	147.0780, -1.5175, 20.1026
Hunter-Lab	53.0735, 9.4175, 3.3925

Details

The XYZ color **30.4158, 28.1680, 30.2194** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0508, 36.5931, 39.6110**, and the grayscale version is **27.7670, 29.2131, 31.8130**.

A 20% lighter version of the original color is **59.7547, 56.6412, 61.2095**, and **12.6843, 11.2456, 12.0918** is the 20% darker color. If you saturate the color by 10%, you get **27.2718, 23.3794, 24.5479**, and if you desaturate by 10%, it is **34.0557, 33.7644, 36.6215**.

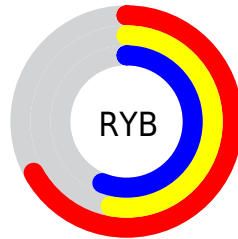
Distribution



Red (67%)

Green (53%)

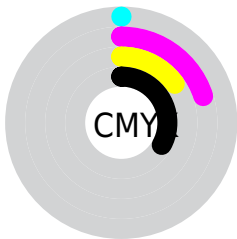
Blue (56%)



Red (67%)

Yellow (53%)

Blue (56%)

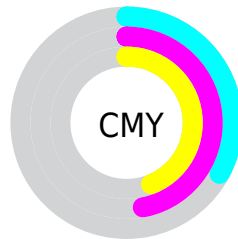


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4158, 28.1680, 30.2194 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 30.4158, 28.1680, 30.2194 by changing the saturation by 10% instead.


 30.4158, 28.1680,
30.2194


 30.4158, 28.1680,
30.2194


295.7130,
293.2688, 317.1649


 20.3040, 18.4523,
19.7517


 59.7012, 56.7526,
61.0741

 12.7258, 11.2752,
12.0324


 79.6057, 76.3902,
82.2981

 7.3157, 6.2523,
6.6429


 103.5050,
100.1040, 107.9448

 3.7084, 2.9991,
3.1648

131.7646,
128.2784, 138.4325

 1.5385, 1.1313,
1.1794

164.7498,
161.2976, 174.1798

 0.3518, 0.0045,
0.0000

202.8261,

 0.0000, 0.0000,

199.5462, 215.6053

0.0000

246.3587,
243.4084, 263.1274

■ 30.4158, 28.1680,
30.2194

■ 30.4158, 28.1680,
30.2194

■ 27.2718, 23.3794,
24.5479

■ 34.0557, 33.7644,
36.6215

■ 24.5994, 19.3576,
19.5789

■ 38.2093, 40.1996,
43.7774

■ 22.3762, 16.0636,
15.2850

■ 42.8967, 47.5077,
51.7114

■ 20.5767, 13.4535,
11.6365

■ 48.1362, 55.7198,
60.4462

■ 19.1728, 11.4785,
8.6011

■ 53.9449, 64.8653,
70.0035

■ 18.1330, 10.0837,
6.1438

■ 60.3396, 74.9723,
80.4043

■ 17.4207, 9.2041,
4.2256

■ 67.3346, 86.0649,
91.6682

■ 16.9606, 8.6993,
2.7918

■ 69.2828, 86.8442,
101.9272

■ 16.9605, 8.6993,
2.7916

■ 70.3877, 87.2861,
107.7458

Harmonies

Analogous

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



29.9949, 28.1680, 35.5085



30.4158, 28.1680, 30.2194



29.8246, 28.1680, 25.5909

Triad

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



30.4158, 28.1680, 30.2194



24.9350, 28.1680, 22.9910



25.1972, 28.1680, 40.4353

Complementary

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



30.4158, 28.1680, 30.2194



31.0508, 36.5931, 39.6110

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.



23.9367, 28.1680, 36.3806



30.4158, 28.1680, 30.2194



23.7902, 28.1680, 26.2926

Square

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



30.4158, 28.1680, 30.2194



26.6150, 28.1680, 21.7234



23.4330, 28.1680, 31.1254



26.9313, 28.1680, 41.7875

Rectangle

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



30.4158, 28.1680, 30.2194



28.9510, 28.1680, 23.3906



23.4330, 28.1680, 31.1254



24.7067, 28.1680, 39.3222

Sweetspot

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



30.4166, 28.1693, 30.2200



64.6079, 65.6178, 71.3296



30.8598, 28.1411, 41.8359



14.3044, 14.4729, 15.7281



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.4166, 28.1693, 30.2200



52.5469, 47.0770, 50.1033



31.0716, 30.4232, 27.5287



7.6007, 7.5702, 8.2147



12.4949, 6.4067, 2.1518



0.3230, 0.1635, 0.1523

Inverse Universe

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



30.4166, 28.1693, 30.2200



52.5469, 47.0770, 50.1033



30.2425, 33.8023, 42.9612



7.6007, 7.5702, 8.2147



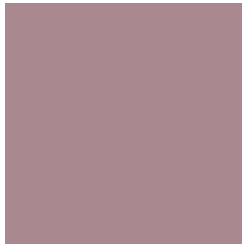
12.4949, 6.4067, 2.1518



0.3230, 0.1635, 0.1523

Previews

White Background



This preview shows how the XYZ color 30.4158, 28.1680, 30.2194 looks on a white background.

Color Contrast Check

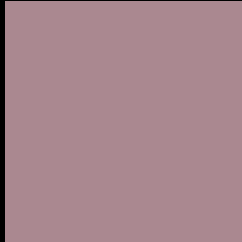
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4158, 28.1680, 30.2194 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 × Fail

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

XYZ 30.4158, 28.1680, 30.2194

Background



This preview shows how black text looks on a background with the XYZ color 30.4158, 28.1680, 30.2194.



This preview shows how white text looks on a background with the XYZ color 30.4158, 28.1680,

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

30.4158, 28.1680, 30.2194

Protanopia

27.2521, 28.2274, 32.4459

Deuteranopia

28.6341, 28.1103, 29.9032



Tritanopia

30.5700, 28.2297, 31.0318

Trichromacy



Original Color

30.4158, 28.1680, 30.2194

Protanomaly

28.3089, 28.1249, 31.5404

Deuteranomaly

29.2948, 28.2349, 29.8925

Tritanomaly

30.4926, 28.1987, 30.6238

Monochromacy



Original Color

30.4158, 28.1680, 30.2194

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5283, 28.6888, 31.2280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4158, 28.1680, 30.2194 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(170, 136, 144)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 144)  
}
```

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(170, 136, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.4158, 28.1680, 30.2194 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(170, 136, 144) }
```


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

```
.border{ border-color:rgb(170, 136, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 144);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4158, 28.1680, 30.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 144) }
```

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

```
.background{ background-color: rgb(170,  
136, 144) }
```

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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