

Converting Colors

XYZ(31.0882, 29.8527, 33.7919)

Have a look what the booklet for
XYZ(31.0882, 29.8527, 33.7919)
contains.

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Color

**XYZ(31.2158, 30.0189,
33.8547)**

Conversions

Conversions Part 1

Format	Color
Hex	A68F98
RGB	166, 143, 152
RGB Percent	65%, 56%, 60%
CMY	0.3490, 0.4392, 0.4039
CMYK	0.00, 0.14, 0.08, 0.35
HSL	337°, 11%, 61%
HSV	337°, 14%, 65%
XYZ	31.2158, 30.0189, 33.8547
YIQ	150.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

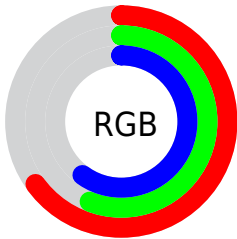
Format	Color
RYB	166, 143, 152
Decimal	10915736
CIELab	61.67, 10.18, -1.58
CIELCh	62, 10.305, 351.191
Yxy	30.0189, 0.3283, 0.3157
Android (android.graphics.Color)	4289105816 (0xFFA68F98)
YUV	150.9030, 0.5408, 13.2401
Hunter-Lab	54.7895, 5.8170, 1.7171

Details

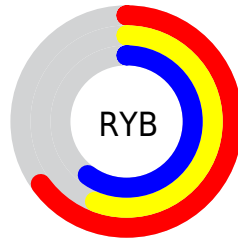
The XYZ color **31.2158, 30.0189, 33.8547** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0509, 35.5471, 37.1247**, and the grayscale version is **29.3691, 30.8986, 33.6486**.

A 20% lighter version of the original color is **60.9256, 59.7609, 66.7164**, and **13.2027, 12.3457, 13.9990** is the 20% darker color. If you saturate the color by 10%, you get **28.1133, 25.0821, 28.9096**, and if you desaturate by 10%, it is **34.7594, 35.7241, 39.2955**.

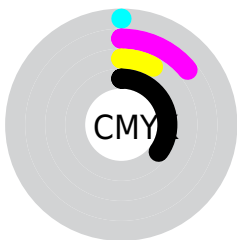
Distribution



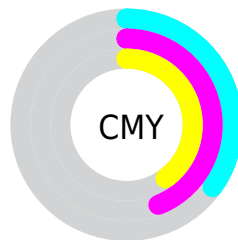
- Red (65%)
- Green (56%)
- Blue (60%)



- Red (65%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2158, 30.0189, 33.8547 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 31.2158, 30.0189, 33.8547 by changing the saturation by 10% instead.

■ 31.2158, 30.0189,
33.8547

■ 31.2158, 30.0189,
33.8547

299.3404,
301.9925, 334.2330

■ 20.9159, 19.8529,
22.5055

■ 60.9532, 59.6921,
66.8390

■ 13.1746, 12.2882,
14.0270

■ 81.1214, 79.9681,
89.3111

■ 7.6267, 6.9403,
8.0005

■ 105.3097,
104.3828, 116.3281

■ 3.9068, 3.4248,
4.0075

133.8834,
133.3208, 148.3083

■ 1.6496, 1.3573,
1.6294

167.2081,
167.1664, 185.6704

■ 0.4244, 0.1849,
0.3117

205.6488,

■ 0.0000, 0.0000,

206.3039, 228.8328

0.0000

249.5712,
251.1178, 278.2142

■ 31.2158, 30.0189,
33.8547

■ 31.2158, 30.0189,
33.8547

■ 28.1133, 25.0821,
28.9096

■ 34.7594, 35.7241,
39.2955

■ 25.4313, 20.8768,
24.4436

■ 38.7582, 42.2246,
45.2441

■ 23.1516, 17.3689,
20.4421

■ 43.2291, 49.5511,
51.7143

■ 21.2534, 14.5200,
16.8888

■ 48.1873, 57.7312,
58.7191

■ 19.7143, 12.2880,
13.7664

■ 53.6470, 66.7915,
66.2708

■ 18.5088, 10.6260,
11.0562

■ 59.6223, 76.7573,
74.3814

■ 17.6085, 9.4800,
8.7378

■ 64.7704, 84.9408,
82.6104

■ 16.9791, 8.7855,
6.7883

■ 66.1721, 85.5015,
89.9916

■ 16.6785, 8.4881,
5.7518

■ 67.6564, 86.0952,
97.8083

Harmonies

Analogous

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



30.6349, 30.0189, 37.6464



31.2158, 30.0189, 33.8547



31.0599, 30.0189, 30.0329

Triad

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



31.2158, 30.0189, 33.8547



27.5902, 30.0189, 26.1426



26.9124, 30.0189, 38.9252

Complementary

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



31.2158, 30.0189, 33.8547



31.0509, 35.5471, 37.1247

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.



26.1453, 30.0189, 35.4898



31.2158, 30.0189, 33.8547



26.5278, 30.0189, 28.1807

Square

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



31.2158, 30.0189, 33.8547



28.9375, 30.0189, 25.7813



26.0067, 30.0189, 31.5435



28.1305, 30.0189, 40.7238

Rectangle

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



31.2158, 30.0189, 33.8547



30.5611, 30.0189, 27.9635



26.0067, 30.0189, 31.5435



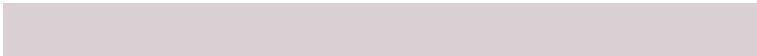
26.5949, 30.0189, 37.9111

Sweetspot

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



31.2167, 30.0202, 33.8553



62.9335, 64.5911, 71.0890



30.5721, 29.5475, 40.1686



13.9719, 14.2741, 15.7398



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.2167, 30.0202, 33.8553



54.6160, 51.2259, 58.2355



30.8561, 30.4341, 30.2363



7.6481, 7.5891, 8.4641



12.9549, 6.5907, 4.5740



0.3404, 0.1704, 0.2441

Inverse Universe

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



31.2167, 30.0202, 33.8553



54.6160, 51.2259, 58.2355



31.4334, 35.0372, 41.1828



7.6481, 7.5891, 8.4641



12.9549, 6.5907, 4.5740



0.3404, 0.1704, 0.2441

Previews

White Background



This preview shows how the XYZ color 31.2158, 30.0189, 33.8547 looks on a white background.

Color Contrast Check

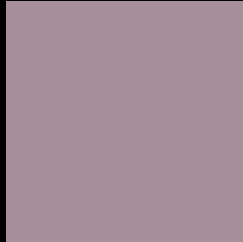
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2158, 30.0189, 33.8547 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 31.2158, 30.0189, 33.8547

Background



This preview shows how black text looks on a background with the XYZ color 31.2158, 30.0189, 33.8547.



This preview shows how white text looks on a background with the XYZ color 31.2158, 30.0189,

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

31.2158, 30.0189, 33.8547

Protanopia

29.0840, 30.0304, 35.2739

Deuteranopia

30.5410, 29.8949, 33.8664



Tritanopia

31.3811, 30.0850, 34.7249

Trichromacy



Original Color

31.2158, 30.0189, 33.8547

Protanomaly

29.8219, 29.9588, 34.7827

Deuteranomaly

30.7450, 30.0000, 33.8759

Tritanomaly

31.2981, 30.0518, 34.2880

Monochromacy



Original Color

31.2158, 30.0189, 33.8547

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8861, 30.4821, 33.5866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2158, 30.0189, 33.8547 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(166, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 152)  
}
```

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(166, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.2158, 30.0189, 33.8547 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(166, 143, 152) }
```


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

```
.border{ border-color:rgb(166, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2158, 30.0189, 33.8547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 152) }
```

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

```
.background{ background-color: rgb(166,  
143, 152) }
```

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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