

Converting Colors

XYZ(31.1898, 29.2975, 35.9094)

Have a look what the booklet for
XYZ(31.1898, 29.2975, 35.9094)
contains.

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Color

**XYZ(31.1898, 29.2975,
35.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	A68C9D
RGB	166, 140, 157
RGB Percent	65%, 55%, 62%
CMY	0.3490, 0.4510, 0.3843
CMYK	0.00, 0.16, 0.05, 0.35
HSL	321°, 13%, 60%
HSV	321°, 16%, 65%
XYZ	31.1898, 29.2975, 35.9094
YIQ	149.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

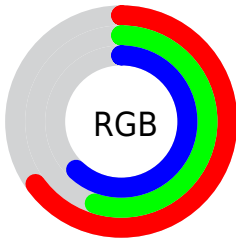
Format	Color
R_{YB}	166, 140, 157
Decimal	10914973
CIE _{Lab}	61.04, 12.79, -5.35
CIE _{LCh}	61, 13.864, 337.315
Yxy	29.2975, 0.3236, 0.3039
Android (android.graphics.Color)	4289105053 (0xFFA68C9D)
YUV	149.7120, 3.5930, 14.2846
Hunter-Lab	54.1272, 8.1349, -1.4455

Details

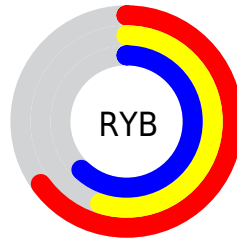
The XYZ color **31.1898, 29.2975, 35.9094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8774, 35.0187, 33.6200**, and the grayscale version is **28.8504, 30.3529, 33.0543**.

A 20% lighter version of the original color is **60.9942, 58.7092, 70.4046**, and **13.1971, 11.9303, 15.2429** is the 20% darker color. If you saturate the color by 10%, you get **28.4658, 24.6161, 32.6375**, and if you desaturate by 10%, it is **34.3045, 34.7226, 39.4261**.

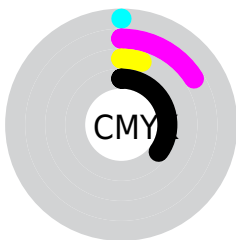
Distribution



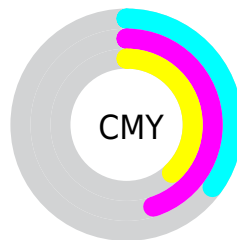
- Red (65%)
- Green (55%)
- Blue (62%)



- Red (65%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1898, 29.2975, 35.9094 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 31.1898, 29.2975, 35.9094 by changing the saturation by 10% instead.

■ 31.1898, 29.2975,
35.9094

■ 31.1898, 29.2975,
35.9094

299.2231,
298.6161, 343.5898

■ 20.8960, 19.3060,
24.0751

■ 60.9126, 58.5494,
70.0597

■ 13.1600, 11.8916,
15.1766

■ 81.0722, 78.5786,
93.2127

■ 7.6166, 6.6699,
8.7954

■ 105.2512,
102.7225, 120.9758

■ 3.9003, 3.2565,
4.5130

133.8148,
131.3655, 153.7673

■ 1.6459, 1.2671,
1.9108

167.1284,
164.8919, 192.0060

■ 0.4220, 0.1155,
0.4996

205.5575,

■ 0.0000, 0.0000,

203.6862, 236.1103

0.0000

249.4672,
248.1328, 286.4987

■ 31.1898, 29.2975,
35.9094

■ 31.1898, 29.2975,
35.9094

■ 28.4658, 24.6161,
32.6375

■ 34.3045, 34.7226,
39.4261

■ 26.1134, 20.6416,
29.6015

■ 37.8229, 40.9182,
43.1924

■ 24.1154, 17.3402,
26.7944

■ 41.7608, 47.9147,
47.2154

■ 22.4525, 14.6735,
24.2081

■ 46.1319, 55.7395,
51.5013

■ 21.1033, 12.5992,
21.8338

■ 50.9498, 64.4188,
56.0557

■ 20.0437, 11.0701,
19.6619

■ 56.2271, 73.9776,
60.8846

■ 19.2462, 10.0313,
17.6815

■ 61.5904, 83.6688,
65.8646

■ 18.6750, 9.4117,
15.8788

■ 62.2627, 83.9378,
69.4049

■ 18.4613, 9.2012,
15.1393

■ 62.9604, 84.2168,
73.0790

Harmonies

Analogous

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



30.0146, 29.2975, 40.5217



31.1898, 29.2975, 35.9094



31.4509, 29.2975, 30.6451

Triad

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



31.1898, 29.2975, 35.9094



27.4047, 29.2975, 22.9831



25.1637, 29.2975, 38.3461

Complementary

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



31.1898, 29.2975, 35.9094



29.8774, 35.0187, 33.6200

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.



24.5284, 29.2975, 33.1887



31.1898, 29.2975, 35.9094



25.7852, 29.2975, 24.5972

Square

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



31.1898, 29.2975, 35.9094



29.2133, 29.2975, 23.5432



24.7509, 29.2975, 28.2007



26.5228, 29.2975, 42.0317

Rectangle

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



31.1898, 29.2975, 35.9094



31.0616, 29.2975, 27.5325



24.7509, 29.2975, 28.2007



24.8611, 29.2975, 36.7065

Sweetspot

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



31.1907, 29.2988, 35.9100



62.6013, 63.6179, 71.9296



28.5959, 27.8691, 39.9490



13.9177, 14.0766, 15.9964



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.



31.1907, 29.2988, 35.9100



54.7008, 49.8824, 62.9288



30.1646, 28.8884, 30.5069



7.7299, 7.6218, 8.8950



14.3383, 7.1440, 11.8587



0.3715, 0.1829, 0.4080

Inverse Universe

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



31.1907, 29.2988, 35.9100



54.7008, 49.8824, 62.9288



30.9444, 35.4455, 39.2387



7.7299, 7.6218, 8.8950



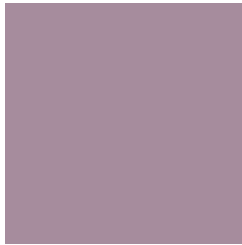
14.3383, 7.1440, 11.8587



0.3715, 0.1829, 0.4080

Previews

White Background



This preview shows how the XYZ color 31.1898, 29.2975, 35.9094 looks on a white background.

Color Contrast Check

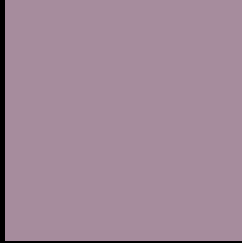
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1898, 29.2975, 35.9094 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 31.1898, 29.2975, 35.9094

Background



This preview shows how black text looks on a background with the XYZ color 31.1898, 29.2975, 35.9094.



This preview shows how white text looks on a background with the XYZ color 31.1898, 29.2975,

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

31.1898, 29.2975, 35.9094

Protanopia

28.5660, 29.2420, 37.8569

Deuteranopia

29.9238, 29.3143, 35.5336



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

31.1898, 29.2975, 35.9094

Protanomaly

29.4553, 29.2569, 37.3524

Deuteranomaly

30.3717, 29.3234, 35.5117

Tritanomaly

30.8747, 29.3822, 34.6159

Monochromacy



Original Color

31.1898, 29.2975, 35.9094

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.7390, 29.9256, 34.3458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1898, 29.2975, 35.9094 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, 140, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 157)  
}
```

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, 140, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.1898, 29.2975, 35.9094 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, 140, 157) }
```


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

```
.border{ border-color:rgb(166, 140, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1898, 29.2975, 35.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 157) }
```

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

```
.background{ background-color: rgb(166,  
140, 157) }
```

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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