

Converting Colors

XYZ(35.3138, 31.4802, 18.1813)

Have a look what the booklet for
XYZ(35.3138, 31.4802, 18.1813)
contains.

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Color

**XYZ(35.2955, 31.3806,
18.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	C78A6B
RGB	199, 138, 107
RGB Percent	78%, 54%, 42%
CMY	0.2196, 0.4588, 0.5804
CMYK	0.00, 0.31, 0.46, 0.22
HSL	20°, 45%, 60%
HSV	20°, 46%, 78%
XYZ	35.2955, 31.3806, 18.1067
YIQ	152.7050, 46.3070, 3.2910

Conversions

Conversions Part 2

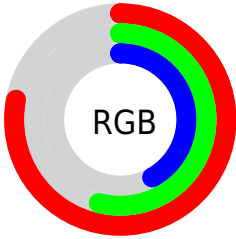
Format	Color
R _Y B	199, 154, 107
Decimal	13077099
CIE Lab	62.83, 19.61, 25.93
CIE LCh	63, 32.510, 52.893
Yxy	31.3806, 0.4163, 0.3701
Android (android.graphics.Color)	4291267179 (0xFFC78A6B)
YUV	152.7050, -22.5326, 40.6007
Hunter-Lab	56.0184, 14.4353, 20.0487

Details

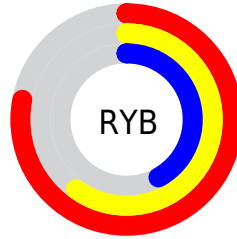
The XYZ color **35.2955, 31.3806, 18.1067** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.3742, 35.2531, 59.2363**, and the grayscale version is **30.2314, 31.8058, 34.6365**.

A 20% lighter version of the original color is **66.3476, 61.4625, 41.1674**, and **15.6068, 13.1349, 5.8504** is the 20% darker color. If you saturate the color by 10%, you get **32.5874, 27.4515, 12.6197**, and if you desaturate by 10%, it is **38.4761, 35.8691, 24.9405**.

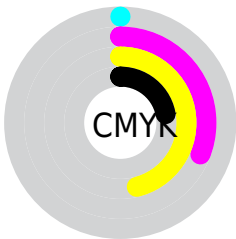
Distribution



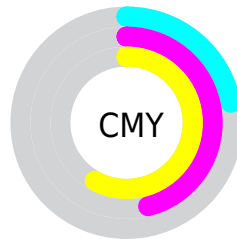
- Red (78%)
- Green (54%)
- Blue (42%)



- Red (78%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (22%)



- Cyan (22%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2955, 31.3806, 18.1067 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 35.2955, 31.3806, 18.1067 by changing the saturation by 10% instead.

■ 35.2955, 31.3806,
18.1067

■ 35.2955, 31.3806,
18.1067

317.3559,
308.2879, 253.7281

■ 24.0582, 20.8888,
10.8564

■ 67.2743, 61.8388,
41.0354

■ 15.5017, 13.0428,
5.8574

■ 88.7465, 82.5740,
57.5510

■ 9.2609, 7.4580,
2.6912

■ 114.3610,
107.4925, 77.9920

■ 4.9702, 3.7501,
0.9390

■ 144.4832,
136.9787, 102.7770

■ 2.2644, 1.5348,
0.0000

179.4784,
171.4169, 132.3245

■ 0.7763, 0.3130,
0.0000

219.7121,

■ 0.0000, 0.0000,

211.1916, 167.0532

0.0000

265.5495,
256.6871, 207.3816

■ 35.2955, 31.3806,
18.1067

■ 35.2955, 31.3806,
18.1067

■ 32.5874, 27.4515,
12.6197

■ 38.4761, 35.8691,
24.9405

■ 30.3244, 24.0540,
8.3865

■ 42.1498, 40.9340,
33.2016

■ 28.4798, 21.1648,
5.3055


■ 46.3387, 46.5974,
42.9664


■ 27.0224, 18.7565,
3.2576


■ 51.0629, 52.8784,
54.3054


■ 25.9140, 16.7981,
2.0919


■ 56.3412, 59.7957,
67.2845

 25.5641, 16.1640,
1.7726

 62.1916, 67.3668,
81.9657

 68.6311, 75.6088,
98.4080

 73.8197, 83.7953,
106.8911

 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



38.4292, 31.3806, 25.4898



35.2955, 31.3806, 18.1067



30.8982, 31.3806, 15.1554

Triad

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



35.2955, 31.3806, 18.1067



22.1117, 31.3806, 31.2233



33.2823, 31.3806, 62.0999

Complementary

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



35.2955, 31.3806, 18.1067



30.3742, 35.2531, 59.2363

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.



28.7795, 31.3806, 64.7319



35.2955, 31.3806, 18.1067



22.6139, 31.3806, 44.6216

Square

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



35.2955, 31.3806, 18.1067



23.5062, 31.3806, 21.4073



24.9535, 31.3806, 57.6904



37.1885, 31.3806, 51.1986

Rectangle

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



35.2955, 31.3806, 18.1067



27.9565, 31.3806, 15.4067



24.9535, 31.3806, 57.6904



31.7777, 31.3806, 64.0761

Sweetspot

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



35.2963, 31.3821, 18.1073



82.7344, 83.7277, 79.0256



35.9100, 25.4973, 40.2378



17.3391, 17.4267, 16.0378



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.2963, 31.3821, 18.1073



57.2431, 48.3380, 22.4575



43.2784, 47.3463, 20.7680



10.9211, 11.2114, 11.1512



16.5114, 10.5400, 1.1642



0.8490, 0.6334, 0.0775

Inverse Universe

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



30.3742, 35.2531, 59.2363



47.5787, 55.8305, 102.8764



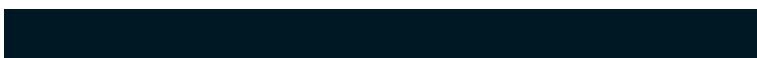
23.3730, 21.2507, 56.9026



10.6340, 11.4421, 13.5656



12.0125, 13.4190, 36.7014



0.6337, 0.7652, 1.7595

Previews

White Background



This preview shows how the XYZ color 35.2955, 31.3806, 18.1067 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 35.2955, 31.3806, 18.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

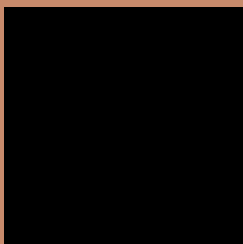
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2955, 31.3806, 18.1067

Background



This preview shows how black text looks on a background with the XYZ color 35.2955, 31.3806, 18.1067.



This preview shows how white text looks on a background with the XYZ color 35.2955, 31.3806,

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

35.2955, 31.3806, 18.1067

Protanopia

29.3131, 31.4353, 20.1454

Deuteranopia

32.1201, 31.5228, 17.7562



Tritanopia

37.7026, 31.3148, 30.0438

Trichromacy



Original Color

35.2955, 31.3806, 18.1067

Protanomaly

31.2075, 31.2452, 19.4251

Deuteranomaly

33.1630, 31.3769, 17.9441

Tritanomaly

36.7806, 31.3572, 25.2331

Monochromacy



Original Color

35.2955, 31.3806, 18.1067

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6114, 31.5034, 27.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2955, 31.3806, 18.1067 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(199, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 138, 107)  
}
```

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(199, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 138, 107) }
```

Border

The CSS property to change the border of an element to XYZ 35.2955, 31.3806, 18.1067 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(199, 138, 107) }
```


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

```
.border{ border-color:rgb(199, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 138,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2955, 31.3806, 18.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 138, 107) }
```

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

```
.background{ background-color: rgb(199,  
138, 107) }
```

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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