

Converting Colors

XYZ(34.3414, 31.6743, 8.8166)

Have a look what the booklet for
XYZ(34.3414, 31.6743, 8.8166)
contains.

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Color

**XYZ(34.4818, 31.8151,
8.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	C98D3E
RGB	201, 141, 62
RGB Percent	79%, 55%, 24%
CMY	0.2118, 0.4470, 0.7569
CMYK	0.00, 0.30, 0.69, 0.21
HSL	34°, 56%, 52%
HSV	34°, 69%, 79%
XYZ	34.4818, 31.8151, 8.8810
YIQ	149.9340, 61.1190, -11.8490

Conversions

Conversions Part 2

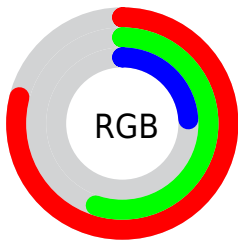
Format	Color
RYB	168, 201, 62
Decimal	13208894
CIELab	63.19, 15.27, 49.80
CIElCh	63, 52.087, 72.953
Yxy	31.8151, 0.4587, 0.4232
Android (android.graphics.Color)	4291398974 (0xFFC98D3E)
YUV	149.9340, -43.3515, 44.7849
Hunter-Lab	56.4049, 10.4133, 30.1481

Details

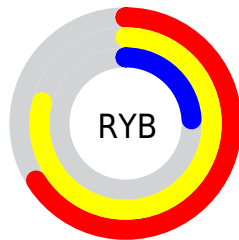
The XYZ color **34.4818, 31.8151, 8.8810** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **19.4884, 19.1594, 57.9290**, and the grayscale version is **29.1222, 30.6388, 33.3657**.

A 20% lighter version of the original color is **63.7357, 61.4825, 24.1309**, and **15.1016, 13.3350, 1.9503** is the 20% darker color. If you saturate the color by 10%, you get **32.7995, 29.1761, 6.0842**, and if you desaturate by 10%, it is **36.4697, 34.7393, 12.7863**.

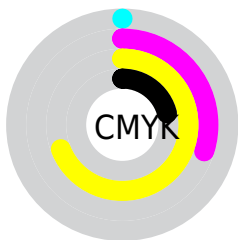
Distribution



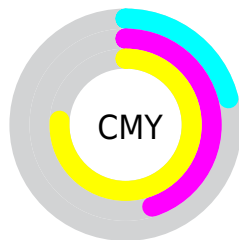
- Red (79%)
- Green (55%)
- Blue (24%)



- Red (66%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (69%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4818, 31.8151, 8.8810 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 34.4818, 31.8151, 8.8810 by changing the saturation by 10% instead.


 34.4818, 31.8151,
8.8810


 34.4818, 31.8151,
8.8810


313.8233,
310.2761, 192.6729


 23.4286, 21.2203,
4.5679


 66.0215, 62.5211,
24.2424


 15.0327, 13.2851,
1.9418


 87.2388, 83.4011,
36.1277

 8.9288, 7.6252,
0.5191


 112.5748,
108.4783, 51.3742

 4.7515, 3.8561,
0.0000

 142.3949,
138.1371, 70.4004

 2.1355, 1.5934,
0.0000

 177.0644,
172.7619, 93.6248

 0.7084, 0.3531,
0.0000

216.9488,

 0.0000, 0.0000,

212.7371, 121.4660

0.0000

262.4133,
258.4470, 154.3426

■ 34.4818, 31.8151,
8.8810

■ 34.4818, 31.8151,
8.8810

■ 32.7995, 29.1761,
6.0842

■ 36.4697, 34.7393,
12.7863

■ 31.3946, 26.8035,
4.2680

■ 38.7834, 37.9564,
17.9053

■ 30.2249, 24.6779,
3.2192

■ 41.4435, 41.4793,
24.3328

■ 30.1321, 24.5072,
3.1422

■ 44.4681, 45.3187,
32.1535

■ 47.8738, 49.4844,
41.4452

■ 51.6761, 53.9857,
52.2797

■ 55.8895, 58.8316,
64.7239

■ 60.5278, 64.0303,
78.8412

■ 65.6039, 69.5902,
94.6911

Harmonies

Analogous

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



41.5452, 31.8151, 14.0403



34.4818, 31.8151, 8.8810



27.2412, 31.8151, 8.5884

Triad

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



34.4818, 31.8151, 8.8810



18.6551, 31.8151, 44.3096



40.6870, 31.8151, 72.5153

Complementary

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



34.4818, 31.8151, 8.8810



19.4884, 19.1594, 57.9290

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.



33.4497, 31.8151, 89.4238



34.4818, 31.8151, 8.8810



21.1967, 31.8151, 69.2872

Square

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



34.4818, 31.8151, 8.8810



18.8412, 31.8151, 24.2701



26.3599, 31.8151, 88.0515



45.4992, 31.8151, 47.6120

Rectangle

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



34.4818, 31.8151, 8.8810



23.3169, 31.8151, 10.8866



26.3599, 31.8151, 88.0515



38.4117, 31.8151, 79.6951

Sweetspot

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



34.4825, 31.8167, 8.8816



80.6604, 83.1478, 67.3342



29.3374, 17.2739, 20.2766



16.9094, 17.3647, 13.4365



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.



34.4825, 31.8167, 8.8816



54.8950, 47.8620, 8.6643



43.4268, 53.2925, 12.5554



11.1258, 11.6207, 11.2194



19.0385, 15.5942, 2.0065



0.9725, 0.8803, 0.1187

Inverse Universe

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



19.4884, 19.1594, 57.9290



27.6835, 24.9862, 97.9715



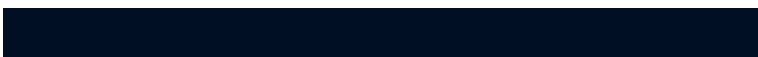
14.8836, 9.0123, 56.2131



10.4269, 11.0278, 13.4965



8.8466, 7.0871, 35.6460



0.4905, 0.4789, 1.7117

Previews

White Background



This preview shows how the XYZ color 34.4818, 31.8151, 8.8810 looks on a white background.

Color Contrast Check

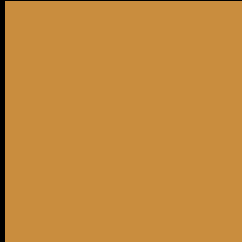
Large Text (above 18pt) WCAG AA × Fail

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 34.4818, 31.8151, 8.8810 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 34.4818, 31.8151, 8.8810

Background



This preview shows how black text looks on a background with the XYZ color 34.4818, 31.8151, 8.8810.



This preview shows how white text looks on a background with the XYZ color 34.4818, 31.8151,

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

34.4818, 31.8151, 8.8810

Protanopia

29.1165, 32.0506, 9.8060

Deuteranopia

32.6070, 31.9711, 8.8673



Tritanopia

38.7236, 31.8499, 29.6979

Trichromacy



Original Color

34.4818, 31.8151, 8.8810

Protanomaly

30.7576, 31.7003, 9.4987

Deuteranomaly

33.3212, 31.8855, 8.8132

Tritanomaly

36.6866, 31.6379, 19.7959

Monochromacy



Original Color

34.4818, 31.8151, 8.8810

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.0659, 30.6105, 21.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4818, 31.8151, 8.8810 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(201, 141, 62)` looks like.

```
.text, #text, p{  
    color:rgb(201, 141, 62)  
}
```

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(201, 141, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 141, 62) }
```

Border

The CSS property to change the border of an element to XYZ 34.4818, 31.8151, 8.8810 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(201, 141, 62) }
```


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

```
.border{ border-color:rgb(201, 141, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 141, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 141, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 141, 62);  
box-shadow:4px 4px 4px 4px rgb(201, 141,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4818, 31.8151, 8.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 141, 62) }
```

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

```
.background{ background-color: rgb(201,  
141, 62) }
```

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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