

Converting Colors

XYZ(31.4439, 34.4941, 30.9167)

Have a look what the booklet for
XYZ(31.4439, 34.4941, 30.9167)
contains.

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Color

**XYZ(31.4131, 34.5408,
30.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA18F
RGB	156, 161, 143
RGB Percent	61%, 63%, 56%
CMY	0.3882, 0.3686, 0.4392
CMYK	0.03, 0.00, 0.11, 0.37
HSL	77°, 9%, 60%
HSV	77°, 11%, 63%
XYZ	31.4131, 34.5408, 30.9980
YIQ	157.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

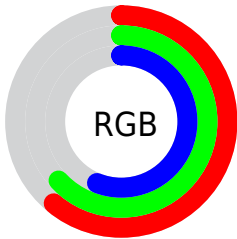
Format	Color
RYB	143, 161, 148
Decimal	10264975
CIELab	65.39, -5.12, 8.76
CIELCh	65, 10.145, 120.319
Yxy	34.5408, 0.3240, 0.3563
Android (android.graphics.Color)	4288455055 (0xFF9CA18F)
YUV	157.4530, -7.1253, -1.2743
Hunter-Lab	58.7714, -7.4424, 9.8685

Details

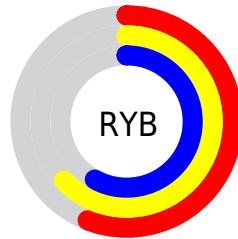
The XYZ color **31.4131, 34.5408, 30.9980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.4695, 28.5149, 37.7234**, and the grayscale version is **32.2830, 33.9642, 36.9870**.

A 20% lighter version of the original color is **61.4979, 66.9918, 62.5128**, and **13.3774, 14.9454, 12.5356** is the 20% darker color. If you saturate the color by 10%, you get **29.4303, 33.6506, 24.9889**, and if you desaturate by 10%, it is **33.6048, 35.5205, 37.9321**.

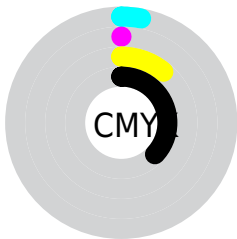
Distribution



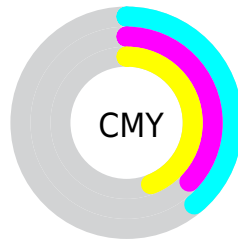
- Red (61%)
- Green (63%)
- Blue (56%)



- Red (56%)
- Yellow (63%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4131, 34.5408, 30.9980 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 31.4131, 34.5408, 30.9980 by changing the saturation by 10% instead.

■ 31.4131, 34.5408,
30.9980

■ 31.4131, 34.5408,
30.9980

300.2300,
322.5368, 320.8800

■ 21.0670, 23.3094,
20.3389

■ 61.2613, 66.7738,
62.3165

■ 13.2857, 14.8221,
12.4551

■ 81.4941, 88.5441,
83.8129

■ 7.7039, 8.6946,
6.9281

105.7532,
114.5962, 109.7588

■ 3.9563, 4.5425,
3.3394

134.4039,
145.3144, 140.5728

■ 1.6774, 1.9814,
1.2705

167.8115,
181.0832, 176.6734

■ 0.4421, 0.5967,
0.0374

206.3415,

■ 0.0000, 0.0000,

222.2869, 218.4791

0.0000

250.3592,
269.3100, 266.4084

■ 31.4131, 34.5408,
30.9980

■ 31.4131, 34.5408,
30.9980

■ 29.4303, 33.6506,
24.9889

■ 33.6048, 35.5205,
37.9321

■ 27.6458, 32.8423,
19.8635

■ 36.0098, 36.5881,
45.8259

■ 26.0522, 32.1139,
15.5806

■ 38.6361, 37.7480,
54.7146

■ 24.6407, 31.4619,
12.0950

■ 41.4903, 39.0028,
64.6315

■ 23.4013, 30.8823,
9.3571

■ 44.5785, 40.3551,
75.6081

■ 22.3234, 30.3708,
7.3118

■ 47.9069, 41.8073,
87.6743

■ 21.3946, 29.9223,
5.8964

■ 51.3678, 43.3164,
100.2613

■ 20.6005, 29.5312,
5.0369

■ 52.4821, 43.8909,
100.3134

■ 19.9827, 29.2220,
4.5872

■ 53.6308, 44.4831,
100.3672

Harmonies

Analogous

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



32.8142, 34.5408, 30.0277



31.4131, 34.5408, 30.9980



30.4172, 34.5408, 33.7128

Triad

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



31.4131, 34.5408, 30.9980



31.4397, 34.5408, 45.1502



35.7613, 34.5408, 37.5637

Complementary

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



31.4131, 34.5408, 30.9980



28.4695, 28.5149, 37.7234

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.



35.3672, 34.5408, 41.7945



31.4131, 34.5408, 30.9980



32.8458, 34.5408, 46.3698

Square

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



31.4131, 34.5408, 30.9980



30.4322, 34.5408, 41.8789



34.2889, 34.5408, 45.0990



35.3505, 34.5408, 33.6398

Rectangle

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



31.4131, 34.5408, 30.9980



30.1017, 34.5408, 36.2539



34.2889, 34.5408, 45.0990



35.7184, 34.5408, 38.9976

Sweetspot

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



31.4140, 34.5423, 30.9987



59.4158, 63.2704, 65.4727



30.2156, 30.6784, 30.3161



12.9621, 13.8455, 14.1395



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.4140, 34.5423, 30.9987



55.4943, 61.5173, 53.1602



29.7724, 33.6960, 30.9219



7.4566, 8.1379, 7.5579



15.9996, 23.3586, 3.6654



0.3782, 0.5125, 0.0790

Inverse Universe

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



28.4695, 28.5149, 37.7234



49.3353, 48.9095, 67.2268



30.1223, 29.3670, 37.8008



6.8767, 6.9508, 8.8823



6.0283, 2.5142, 27.0973



0.1701, 0.0752, 0.5714

Previews

White Background



This preview shows how the XYZ color 31.4131, 34.5408, 30.9980 looks on a white background.

Color Contrast Check

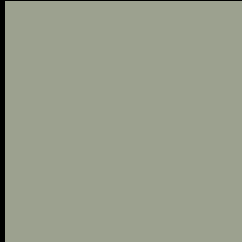
Large Text (above 18pt) WCAG AA × Fail

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 31.4131, 34.5408, 30.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

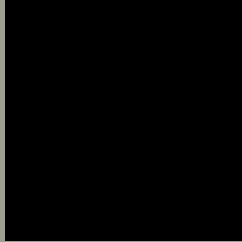
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4131, 34.5408, 30.9980

Background



This preview shows how black text looks on a background with the XYZ color 31.4131, 34.5408, 30.9980.



This preview shows how white text looks on a background with the XYZ color 31.4131, 34.5408,

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

31.4131, 34.5408, 30.9980

Protanopia

32.6264, 34.4060, 30.5126

Deuteranopia

35.0925, 34.4105, 31.5804



Tritanopia

33.8099, 34.4898, 42.9054

Trichromacy



Original Color

31.4131, 34.5408, 30.9980

Protanomaly

32.1809, 34.4307, 30.5408

Deuteranomaly

33.7171, 34.4485, 31.2577

Tritanomaly

32.8701, 34.3627, 38.1579

Monochromacy



Original Color

31.4131, 34.5408, 30.9980

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7990, 33.8888, 34.5710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4131, 34.5408, 30.9980 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(156, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 143)  
}
```

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(156, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.4131, 34.5408, 30.9980 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(156, 161, 143) }
```


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

```
.border{ border-color:rgb(156, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(156, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4131, 34.5408, 30.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 143) }
```

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

```
.background{ background-color: rgb(156,  
161, 143) }
```

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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