

Converting Colors

XYZ(34.1468, 39.3978, 33.5904)

Have a look what the booklet for
XYZ(34.1468, 39.3978, 33.5904)
contains.

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Color

**XYZ(34.1128, 39.4466,
33.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	9CAE93
RGB	156, 174, 147
RGB Percent	61%, 68%, 58%
CMY	0.3882, 0.3176, 0.4235
CMYK	0.10, 0.00, 0.16, 0.32
HSL	100°, 14%, 63%
HSV	100°, 16%, 68%
XYZ	34.1128, 39.4466, 33.4198
YIQ	165.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

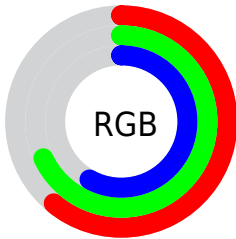
Format	Color
RYB	147, 174, 165
Decimal	10268307
CIELab	69.07, -11.37, 11.77
CIElCh	69, 16.362, 134.009
Yxy	39.4466, 0.3189, 0.3687
Android (android.graphics.Color)	4288458387 (0xFF9CAE93)
YUV	165.5400, -9.1402, -8.3666
Hunter-Lab	62.8065, -12.9608, 12.4159

Details

The XYZ color **34.1128, 39.4466, 33.4198** is a light color, and the websafe version is hex **999966**. A complement of this color would be **33.5924, 31.9239, 44.4379**, and the grayscale version is **36.0679, 37.9462, 41.3234**.

A 20% lighter version of the original color is **65.4259, 74.1046, 66.1136**, and **14.8966, 17.7669, 13.7105** is the 20% darker color. If you saturate the color by 10%, you get **30.7109, 37.8400, 26.6642**, and if you desaturate by 10%, it is **37.9379, 41.2498, 41.2750**.

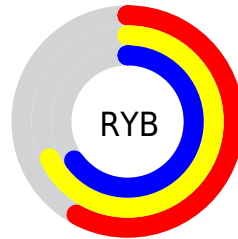
Distribution



Red (61%)

Green (68%)

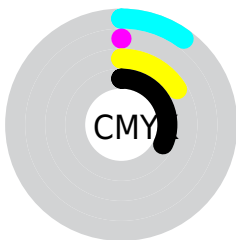
Blue (58%)



Red (58%)

Yellow (68%)

Blue (65%)

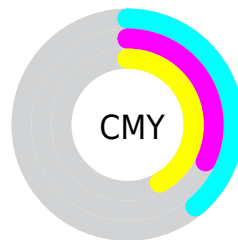


Cyan (10%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (39%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1128, 39.4466, 33.4198 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 34.1128, 39.4466, 33.4198 by changing the saturation by 10% instead.


 34.1128, 39.4466,
33.4198


 34.1128, 39.4466,
33.4198


312.2118,
343.7855, 332.2270

 23.1436, 27.1073,
22.1745


 65.4522, 74.3201,
66.1539

 14.8208, 17.6538,
13.7856


 86.5530, 97.6231,
88.4798

 8.7792, 10.7018,
7.8347

111.7618,
125.3494, 115.3363

 4.6534, 5.8667,
3.9031

141.4438,
157.8836, 147.1420

 2.0780, 2.7642,
1.5723

175.9645,
195.6098, 184.3154

 0.6772, 1.0099,
0.2710

215.6891,

 0.0000, 0.0000,

238.9127, 227.2750

0.0000

260.9831,
288.1764, 276.4393

■ 34.1128, 39.4466,
33.4198

■ 34.1128, 39.4466,
33.4198

■ 30.7109, 37.8400,
26.6642

■ 37.9379, 41.2498,
41.2750

■ 27.7137, 36.4181,
20.9566

■ 42.1973, 43.2509,
50.2731

■ 25.1061, 35.1755,
16.2452


■ 46.9059, 45.4577,
60.4583


■ 22.8708, 34.1043,
12.4728


■ 52.0767, 47.8760,
71.8716


■ 20.9888, 33.1963,
9.5762


■ 57.7223, 50.5116,
84.5520


 19.4396, 32.4423,
7.4845


 63.8546, 53.3697,
98.5369

 18.1998, 31.8322,
6.1160

 68.1820, 55.5343,
101.7334

 17.2416, 31.3538,
5.3671

 72.1864, 57.5987,
101.9208

 16.8813, 31.1730,
5.1272

 74.4268, 58.7537,
102.0256

Harmonies

Analogous

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



36.2909, 39.4466, 30.4594



34.1128, 39.4466, 33.4198



32.8721, 39.4466, 39.1113

Triad

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



34.1128, 39.4466, 33.4198



36.1271, 39.4466, 58.3030



42.5763, 39.4466, 39.5643

Complementary

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



34.1128, 39.4466, 33.4198



33.5924, 31.9239, 44.4379

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.



42.5274, 39.4466, 47.0334



34.1128, 39.4466, 33.4198



38.7209, 39.4466, 58.4609

Square

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



34.1128, 39.4466, 33.4198



33.9976, 39.4466, 53.7311



41.0890, 39.4466, 54.1404



41.2197, 39.4466, 33.7181

Rectangle

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



34.1128, 39.4466, 33.4198



32.7057, 39.4466, 43.9634



41.0890, 39.4466, 54.1404



42.7256, 39.4466, 41.9536

Sweetspot

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



34.1139, 39.4483, 33.4207



69.1279, 74.9679, 75.5235



36.1788, 38.0172, 33.0356



15.2521, 16.6096, 16.5518



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.1139, 39.4483, 33.4207



59.4309, 70.3974, 55.7095



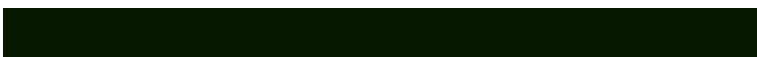
32.7965, 38.7276, 35.2389



8.1466, 9.0642, 8.5336



12.3007, 22.6383, 3.7213



0.4011, 0.6602, 0.1063

Inverse Universe

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



33.5924, 31.9239, 44.4379



58.2819, 53.8367, 79.9566



35.0992, 32.7506, 42.2560



8.0738, 8.0124, 10.0737



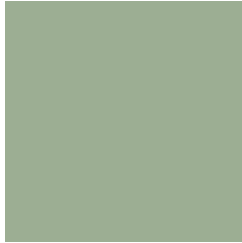
10.8311, 4.9435, 29.4278



0.3561, 0.1658, 0.8212

Previews

White Background



This preview shows how the XYZ color 34.1128, 39.4466, 33.4198 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 34.1128, 39.4466, 33.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

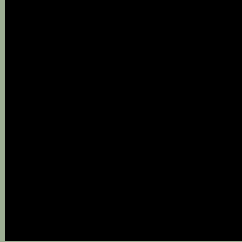
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1128, 39.4466, 33.4198

Background



This preview shows how black text looks on a background with the XYZ color 34.1128, 39.4466, 33.4198.



This preview shows how white text looks on a background with the XYZ color 34.1128, 39.4466,

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

34.1128, 39.4466, 33.4198

Protanopia

37.1681, 39.3660, 32.0250

Deuteranopia

39.8310, 39.0870, 33.8790



Tritanopia

37.5318, 39.4347, 49.8895

Trichromacy



Original Color

34.1128, 39.4466, 33.4198

Protanomaly

35.8477, 39.2288, 32.4706

Deuteranomaly

37.3416, 38.8755, 33.5526

Tritanomaly

36.2215, 39.4640, 43.2443

Monochromacy



Original Color

34.1128, 39.4466, 33.4198

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3463, 38.5605, 38.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1128, 39.4466, 33.4198 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, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(156, 174, 147)  
}
```

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, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 174, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.1128, 39.4466, 33.4198 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, 174, 147) }
```


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

```
.border{ border-color:rgb(156, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 174,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1128, 39.4466, 33.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 174, 147) }
```

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

```
.background{ background-color: rgb(156,  
174, 147) }
```

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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