

Converting Colors

XYZ(33.9881, 34.3151, 18.2484)

Have a look what the booklet for
XYZ(33.9881, 34.3151, 18.2484)
contains.

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Color

**XYZ(34.1130, 34.4454,
18.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	B99A69
RGB	185, 154, 105
RGB Percent	73%, 60%, 41%
CMY	0.2745, 0.3961, 0.5882
CMYK	0.00, 0.17, 0.43, 0.27
HSL	37°, 36%, 57%
HSV	37°, 43%, 73%
XYZ	34.1130, 34.4454, 18.2153
YIQ	157.6830, 34.2050, -8.6670

Conversions

Conversions Part 2

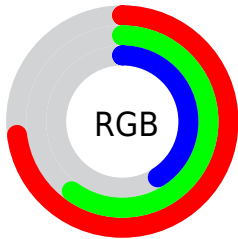
Format	Color
R_{YB}	156, 185, 105
Decimal	12163689
CIE _{Lab}	65.31, 4.84, 30.00
CIE _{LCh}	65, 30.383, 80.843
Yxy	34.4454, 0.3931, 0.3970
Android (android.graphics.Color)	4290353769 (0xFFB99A69)
YUV	157.6830, -25.9727, 23.9570
Hunter-Lab	58.6902, 1.0432, 22.6817

Details

The XYZ color **34.1130, 34.4454, 18.2153** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.3866, 24.1136, 49.3207**, and the grayscale version is **32.4595, 34.1500, 37.1893**.

A 20% lighter version of the original color is **65.2596, 66.4233, 41.2797**, and **14.7947, 14.7417, 5.9366** is the 20% darker color. If you saturate the color by 10%, you get **32.1160, 31.8111, 13.3579**, and if you desaturate by 10%, it is **36.3893, 37.3070, 24.1870**.

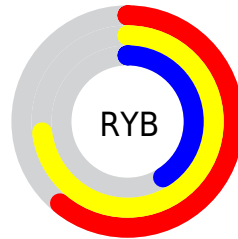
Distribution



Red (73%)

Green (60%)

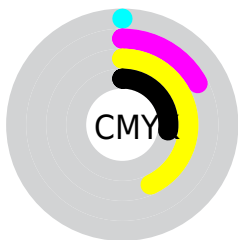
Blue (41%)



Red (61%)

Yellow (73%)

Blue (41%)

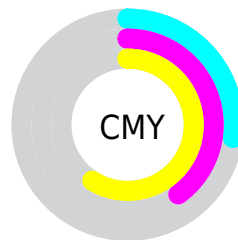


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1130, 34.4454, 18.2153 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 34.1130, 34.4454, 18.2153 by changing the saturation by 10% instead.


 34.1130, 34.4454,
18.2153


 34.1130, 34.4454,
18.2153

312.2127,
322.1135, 254.3585


 23.1437, 23.2360,
10.9336


 65.4525, 66.6257,
41.2227


 14.8209, 14.7678,
5.9086


 86.5534, 88.3654,
57.7856

 8.7793, 8.6566,
2.7217


 111.7622,
114.3839, 78.2792

 4.6535, 4.5179,
0.9543

 141.4443,
145.0657, 103.1222

 2.0781, 1.9673,
0.0000

175.9651,
180.7952, 132.7331

 0.6772, 0.5884,
0.0000

215.6898,

 0.0000, 0.0000,

221.9567, 167.5305

0.0000

260.9839,
268.9347, 207.9327

■ 34.1130, 34.4454,
18.2153

■ 34.1130, 34.4454,
18.2153

■ 32.1160, 31.8111,
13.3579

■ 36.3893, 37.3070,
24.1870

■ 30.3808, 29.3913,
9.5410

■ 38.9557, 40.3984,
31.3363

■ 28.8920, 27.1792,
6.6849

■ 41.8258, 43.7281,
39.7242

■ 27.6308, 25.1651,
4.6975

■ 45.0111, 47.3025,
49.4066

■ 26.5750, 23.3380,
3.4682

■ 48.5228, 51.1278,
60.4364

■ 25.9487, 22.1965,
2.9167

■ 52.3713, 55.2100,
72.8632

■ 56.5666, 59.5547,
86.7341

■ 61.1180, 64.1674,
102.0942

■ 63.2627, 67.9445,
104.3880

Harmonies

Analogous

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



38.4152, 34.4454, 21.5968



34.1130, 34.4454, 18.2153



29.8024, 34.4454, 19.0209

Triad

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



34.1130, 34.4454, 18.2153



25.4096, 34.4454, 46.8675



39.7951, 34.4454, 55.1053

Complementary

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



34.1130, 34.4454, 18.2153



23.3866, 24.1136, 49.3207

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.



35.8631, 34.4454, 65.2202



34.1130, 34.4454, 18.2153



27.6520, 34.4454, 59.7682

Square

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



34.1130, 34.4454, 18.2153



25.0325, 34.4454, 33.7571



31.4030, 34.4454, 67.0961



41.8848, 34.4454, 41.5209

Rectangle

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



34.1130, 34.4454, 18.2153



27.4809, 34.4454, 21.9177



31.4030, 34.4454, 67.0961



38.6291, 34.4454, 59.1410

Sweetspot

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



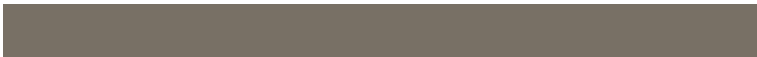
34.1139, 34.4470, 18.2160



74.9258, 78.3351, 71.1940



29.5747, 22.2239, 26.3982



15.8986, 16.5969, 14.5939



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.1139, 34.4470, 18.2160



57.6508, 57.1512, 24.2293



38.0303, 45.0650, 20.0591



9.4501, 9.9032, 9.5203



17.7411, 15.2585, 2.0101



0.6835, 0.6541, 0.0902

Inverse Universe

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



23.3866, 24.1136, 49.3207



35.9205, 36.2406, 87.3065



20.6189, 17.1171, 48.1161



8.7988, 9.2748, 11.4059



7.5926, 5.6449, 31.9425



0.3284, 0.3204, 1.1463

Previews

White Background



This preview shows how the XYZ color 34.1130, 34.4454, 18.2153 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 34.1130, 34.4454, 18.2153 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 34.1130, 34.4454, 18.2153

Background



This preview shows how black text looks on a background with the XYZ color 34.1130, 34.4454, 18.2153.



This preview shows how white text looks on a background with the XYZ color 34.1130, 34.4454,

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

34.1130, 34.4454, 18.2153

Protanopia

32.0652, 34.6285, 18.9039

Deuteranopia

35.0132, 34.4235, 18.1636



Tritanopia

37.9269, 34.3178, 37.4259

Trichromacy



Original Color

34.1130, 34.4454, 18.2153

Protanomaly

32.7900, 34.5017, 18.5669

Deuteranomaly

34.6801, 34.4938, 18.1947

Tritanomaly

36.3056, 34.3681, 29.1463

Monochromacy



Original Color

34.1130, 34.4454, 18.2153

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8656, 34.3029, 29.3150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1130, 34.4454, 18.2153 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(185, 154, 105)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 105)  
}
```

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(185, 154, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 105) }
```

Border

The CSS property to change the border of an element to XYZ 34.1130, 34.4454, 18.2153 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(185, 154, 105) }
```


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

```
.border{ border-color:rgb(185, 154, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 105);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1130, 34.4454, 18.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 105) }
```

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

```
.background{ background-color: rgb(185,  
154, 105) }
```

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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