

Converting Colors

XYZ(33.3832, 33.9983, 18.4829)

Have a look what the booklet for
XYZ(33.3832, 33.9983, 18.4829)
contains.

XYZ(33.4485, 34.0969, 18.4541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.4485, 34.0969,
18.4541)**

Conversions

Conversions Part 1

Format	Color
Hex	B69A6A
RGB	182, 154, 106
RGB Percent	71%, 60%, 42%
CMY	0.2863, 0.3961, 0.5843
CMYK	0.00, 0.15, 0.42, 0.29
HSL	38°, 34%, 56%
HSV	38°, 42%, 71%
XYZ	33.4485, 34.0969, 18.4541
YIQ	156.9000, 32.0960, -8.9920

Conversions

Conversions Part 2

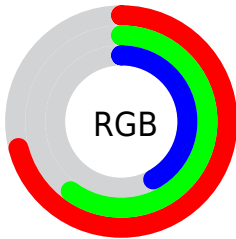
Format	Color
RYB	150, 182, 106
Decimal	11967082
CIELab	65.04, 3.70, 29.04
CIELCh	65, 29.276, 82.742
Yxy	34.0969, 0.3889, 0.3965
Android (android.graphics.Color)	4290157162 (0xFFB69A6A)
YUV	156.9000, -25.0937, 22.0127
Hunter-Lab	58.3926, 0.0616, 22.1371

Details

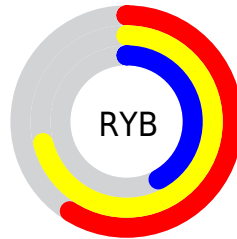
The XYZ color **33.4485, 34.0969, 18.4541** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.9121, 23.4909, 47.5824**, and the grayscale version is **32.1027, 33.7746, 36.7805**.

A 20% lighter version of the original color is **64.3240, 65.9311, 41.6835**, and **14.3664, 14.5180, 6.0481** is the 20% darker color. If you saturate the color by 10%, you get **31.5251, 31.6074, 13.6288**, and if you desaturate by 10%, it is **35.6363, 36.7936, 24.3593**.

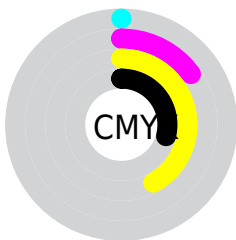
Distribution



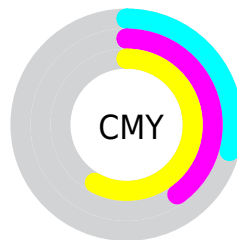
- Red (71%)
- Green (60%)
- Blue (42%)



- Red (59%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4485, 34.0969, 18.4541 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 33.4485, 34.0969, 18.4541 by changing the saturation by 10% instead.


 33.4485, 34.0969,
18.4541


 33.4485, 34.0969,
18.4541


309.2953,
320.5639, 255.7398


 22.6311, 22.9681,
11.1037


 64.4251, 66.0843,
41.6339


 14.4406, 14.5699,
6.0216


 85.3151, 87.7117,
58.3004

 8.5115, 8.5181,
2.7892


 110.2933,
113.6074, 78.9094

 4.4785, 4.4282,
0.9880

 139.7251,
144.1557, 103.8793

 1.9762, 1.9159,
0.0000

173.9758,
179.7411, 133.6288

 0.6206, 0.5579,
0.0000

213.4108,

 0.0000, 0.0000,

220.7481, 168.5763

0.0000

258.3955,
267.5609, 209.1405

■ 33.4485, 34.0969,
18.4541

■ 33.4485, 34.0969,
18.4541

■ 31.5251, 31.6074,
13.6288

■ 35.6363, 36.7936,
24.3593

■ 29.8498, 29.3132,
9.8134

■ 38.0986, 39.6992,
31.4042

■ 28.4080, 27.2081,
6.9330

■ 40.8480, 42.8217,
39.6468

■ 27.1824, 25.2834,
4.9012

■ 43.8956, 46.1669,
49.1402

■ 26.1524, 23.5292,
3.6152

■ 47.2516, 49.7405,
59.9346

■ 25.4173, 22.1969,
2.9448

■ 50.9260, 53.5478,
72.0774

■ 54.9281, 57.5938,
85.6135

■ 59.2667, 61.8837,
100.5857

■ 61.4747, 65.4318,
103.9973

Harmonies

Analogous

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



37.5958, 34.0969, 21.4768



33.4485, 34.0969, 18.4541



29.3589, 34.0969, 19.4942

Triad

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



33.4485, 34.0969, 18.4541



25.4589, 34.0969, 46.8979



39.3360, 34.0969, 53.1221

Complementary

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



33.4485, 34.0969, 18.4541



22.9121, 23.4909, 47.5824

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.



35.6614, 34.0969, 63.0754



33.4485, 34.0969, 18.4541



27.7209, 34.0969, 58.9699

Square

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



33.4485, 34.0969, 18.4541



24.9782, 34.0969, 34.2547



31.3895, 34.0969, 65.4210



41.1821, 34.0969, 40.1528

Rectangle

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



33.4485, 34.0969, 18.4541



27.1863, 34.0969, 22.4887



31.3895, 34.0969, 65.4210



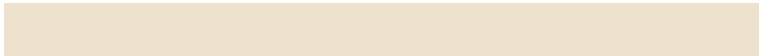
38.2591, 34.0969, 57.0376

Sweetspot

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



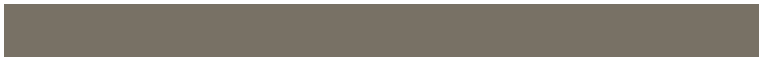
33.4493, 34.0985, 18.4548



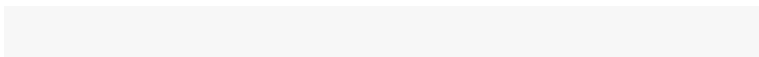
73.2950, 76.7827, 69.5543



28.8282, 22.0065, 25.6995



15.9393, 16.6782, 14.6075



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.



33.4493, 34.0985, 18.4548



57.4538, 57.7008, 25.4285



36.5926, 43.3959, 20.0837



9.4645, 9.9320, 9.5251



18.0146, 15.8056, 2.1013



0.6920, 0.6711, 0.0931

Inverse Universe

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



22.9121, 23.4909, 47.5824



35.8226, 35.9452, 85.2858



20.6506, 17.3217, 46.5109



8.7848, 9.2468, 11.4012



7.4406, 5.3410, 31.8918



0.3224, 0.3084, 1.1443

Previews

White Background



This preview shows how the XYZ color 33.4485, 34.0969, 18.4541 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 33.4485, 34.0969, 18.4541 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 33.4485, 34.0969, 18.4541

Background



This preview shows how black text looks on a background with the XYZ color 33.4485, 34.0969, 18.4541.



This preview shows how white text looks on a background with the XYZ color 33.4485, 34.0969,

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

33.4485, 34.0969, 18.4541

Protanopia

31.7282, 34.1944, 19.1153

Deuteranopia

34.7067, 34.0136, 18.6460



Tritanopia

37.1852, 33.9354, 37.3912

Trichromacy



Original Color

33.4485, 34.0969, 18.4541

Protanomaly

32.3900, 34.2894, 18.8213

Deuteranomaly

34.1318, 33.9571, 18.6654

Tritanomaly

35.6476, 34.0204, 29.4987

Monochromacy



Original Color

33.4485, 34.0969, 18.4541

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2018, 33.7189, 28.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4485, 34.0969, 18.4541 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(182, 154, 106)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 106)  
}
```

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(182, 154, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 106) }
```

Border

The CSS property to change the border of an element to XYZ 33.4485, 34.0969, 18.4541 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(182, 154, 106) }
```


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

```
.border{ border-color:rgb(182, 154, 106) }
```

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

Here you see how a box with a 4 pixel rgb(182, 154, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 106);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4485, 34.0969, 18.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 106) }
```

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

```
.background{ background-color: rgb(182,  
154, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor