

Converting Colors

XYZ(33.3217, 34.4911, 14.5660)

Have a look what the booklet for
XYZ(33.3217, 34.4911, 14.5660)
contains.

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Color

**XYZ(33.5011, 34.7055,
14.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	B89C5A
RGB	184, 156, 90
RGB Percent	72%, 61%, 35%
CMY	0.2784, 0.3882, 0.6471
CMYK	0.00, 0.15, 0.51, 0.28
HSL	42°, 40%, 54%
HSV	42°, 51%, 72%
XYZ	33.5011, 34.7055, 14.6060
YIQ	156.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

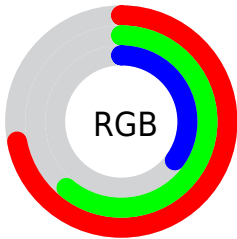
Format	Color
RYB	130, 184, 90
Decimal	12098650
CIELab	65.52, 1.82, 38.17
CIELCh	66, 38.212, 87.274
Yxy	34.7055, 0.4045, 0.4191
Android (android.graphics.Color)	4290288730 (0xFFB89C5A)
YUV	156.8480, -32.9561, 23.8123
Hunter-Lab	58.9114, -1.5874, 26.5381

Details

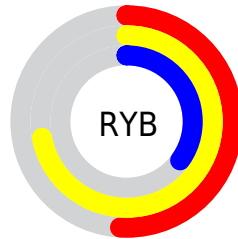
The XYZ color **33.5011, 34.7055, 14.6060** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3464, 18.5905, 47.9159**, and the grayscale version is **32.1118, 33.7841, 36.7909**.

A 20% lighter version of the original color is **64.4723, 66.8935, 34.7130**, and **14.5228, 14.9374, 4.3083** is the 20% darker color. If you saturate the color by 10%, you get **31.9142, 32.6337, 10.6799**, and if you desaturate by 10%, it is **35.3251, 36.9412, 19.5683**.

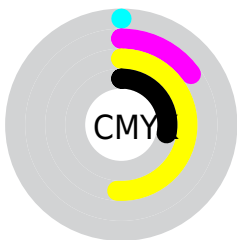
Distribution



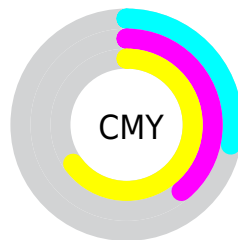
- Red (72%)
- Green (61%)
- Blue (35%)



- Red (51%)
- Yellow (72%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (51%)
- Black (28%)





- Cyan (28%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5011, 34.7055, 14.6060 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 33.5011, 34.7055, 14.6060 by changing the saturation by 10% instead.


 33.5011, 34.7055,
14.6060

 33.5011, 34.7055,
14.6060

309.5269,
323.2665, 232.5269

 22.6717, 23.4361,
8.3998


 64.5065, 67.0293,
34.8930

 14.4706, 14.9159,
4.2604


 85.4133, 88.8525,
49.8108

 8.5326, 8.7604,
1.7693


 110.4098,
114.9624, 68.4696

 4.4922, 4.5852,
0.4076

 139.8615,
145.7434, 91.2879

 1.9842, 2.0060,
0.0000

174.1337,
181.5799, 118.6842

 0.6251, 0.6110,
0.0000

213.5917,

 0.0000, 0.0000,

222.8564, 151.0772

0.0000

258.6010,
269.9571, 188.8852

■ 33.5011, 34.7055,
14.6060

■ 33.5011, 34.7055,
14.6060

■ 31.9142, 32.6337,
10.6799

■ 35.3251, 36.9412,
19.5683

■ 30.5466, 30.7138,
7.7110

■ 37.3972, 39.3420,
25.6338

■ 29.3822, 28.9398,
5.6121

■ 39.7308, 41.9155,
32.8662

■ 28.4005, 27.3027,
4.2792

■ 42.3374, 44.6671,
41.3239

■ 27.6438, 25.9437,
3.5506

■ 45.2278, 47.6019,
51.0613

■ 48.4122, 50.7248,
62.1293

■ 51.9002, 54.0404,
74.5764

■ 55.7009, 57.5530,
88.4484

■ 59.7261, 61.2283,
103.2781

Harmonies

Analogous

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



39.1534, 34.7055, 17.3381



33.5011, 34.7055, 14.6060



28.2967, 34.7055, 16.4805

Triad

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



33.5011, 34.7055, 14.6060



24.3160, 34.7055, 53.7443



42.8935, 34.7055, 57.0201

Complementary

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



33.5011, 34.7055, 14.6060



19.3464, 18.5905, 47.9159

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.



38.1678, 34.7055, 72.3359



33.5011, 34.7055, 14.6060



27.5038, 34.7055, 70.0991

Square

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



33.5011, 34.7055, 14.6060



23.3624, 34.7055, 36.3412



32.4773, 34.7055, 77.6916



44.9461, 34.7055, 39.2735

Rectangle

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



33.5011, 34.7055, 14.6060



25.6957, 34.7055, 20.4968



32.4773, 34.7055, 77.6916



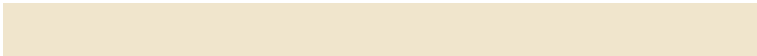
41.5405, 34.7055, 62.7950

Sweetspot

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



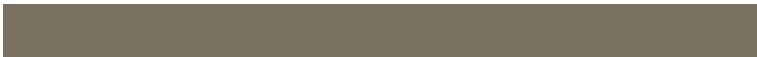
33.5019, 34.7071, 14.6067



74.7190, 78.8543, 68.2488



26.7054, 18.8158, 19.4266



15.8953, 16.7748, 14.0240



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.



33.5019, 34.7071, 14.6067



57.6052, 58.8207, 18.7859



34.5447, 43.0399, 16.1601



9.5182, 10.0394, 9.5430



19.1159, 18.0082, 2.4684



0.7251, 0.7372, 0.1041

Inverse Universe

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



19.3464, 18.5905, 47.9159



29.1968, 26.5257, 85.7857



18.5903, 14.0120, 47.0720



8.7333, 9.1439, 11.3841



6.9525, 4.3647, 31.7291



0.3009, 0.2654, 1.1371

Previews

White Background



This preview shows how the XYZ color 33.5011, 34.7055, 14.6060 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 33.5011, 34.7055, 14.6060 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 33.5011, 34.7055, 14.6060

Background



This preview shows how black text looks on a background with the XYZ color 33.5011, 34.7055, 14.6060.



This preview shows how white text looks on a background with the XYZ color 33.5011, 34.7055,

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

33.5011, 34.7055, 14.6060

Protanopia

31.9657, 34.6656, 14.9039

Deuteranopia

35.3647, 34.6811, 14.7277



Tritanopia

38.0831, 34.6302, 37.4780

Trichromacy



Original Color

33.5011, 34.7055, 14.6060

Protanomaly

32.4753, 34.6740, 14.8787

Deuteranomaly

34.5148, 34.4849, 14.7347

Tritanomaly

36.1087, 34.5458, 27.3191

Monochromacy



Original Color

33.5011, 34.7055, 14.6060

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2270, 34.0229, 27.0588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5011, 34.7055, 14.6060 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(184, 156, 90)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 90)  
}
```

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(184, 156, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 90) }
```

Border

The CSS property to change the border of an element to XYZ 33.5011, 34.7055, 14.6060 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(184, 156, 90) }
```


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

```
.border{ border-color:rgb(184, 156, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 90);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5011, 34.7055, 14.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 90) }
```

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

```
.background{ background-color: rgb(184,  
156, 90) }
```

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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