

Converting Colors

XYZ(33.5412, 34.7199, 14.8287)

Have a look what the booklet for
XYZ(33.5412, 34.7199, 14.8287)
contains.

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Color

**XYZ(33.5440, 34.7226,
14.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	B89C5B
RGB	184, 156, 91
RGB Percent	72%, 61%, 36%
CMY	0.2784, 0.3882, 0.6431
CMYK	0.00, 0.15, 0.51, 0.28
HSL	42°, 40%, 54%
HSV	42°, 51%, 72%
XYZ	33.5440, 34.7226, 14.8317
YIQ	156.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

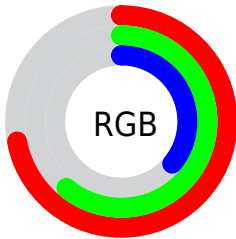
Format	Color
RYB	131, 184, 91
Decimal	12098651
CIELab	65.53, 1.91, 37.67
CIElCh	66, 37.715, 87.096
Yxy	34.7226, 0.4037, 0.4178
Android (android.graphics.Color)	4290288731 (0xFFB89C5B)
YUV	156.9620, -32.5193, 23.7123
Hunter-Lab	58.9259, -1.5078, 26.3248

Details

The XYZ color **33.5440, 34.7226, 14.8317** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.5628, 18.8779, 47.9601**, and the grayscale version is **32.1613, 33.8362, 36.8476**.

A 20% lighter version of the original color is **64.5470, 66.9234, 35.1067**, and **14.5409, 14.9447, 4.4037** is the 20% darker color. If you saturate the color by 10%, you get **31.9374, 32.6278, 10.8489**, and if you desaturate by 10%, it is **35.3893, 36.9833, 19.8550**.

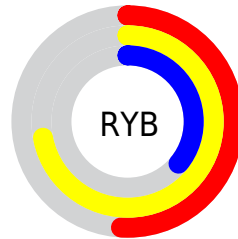
Distribution



Red (72%)

Green (61%)

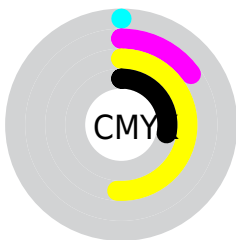
Blue (36%)



Red (51%)

Yellow (72%)

Blue (36%)

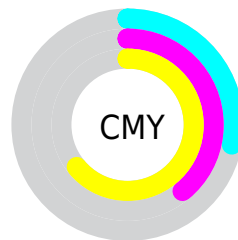


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5440, 34.7226, 14.8317 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 33.5440, 34.7226, 14.8317 by changing the saturation by 10% instead.

■ 33.5440, 34.7226,
14.8317

■ 33.5440, 34.7226,
14.8317

309.7158,
323.3422, 233.9509

■ 22.7047, 23.4493,
8.5560

■ 64.5729, 67.0558,
35.2958

■ 14.4951, 14.9256,
4.3599

■ 85.4933, 88.8845,
50.3213

■ 8.5498, 8.7672,
1.8248

■ 110.5048,
115.0004, 69.1005

■ 4.5035, 4.5896,
0.4442

■ 139.9727,
145.7879, 92.0519

■ 1.9907, 2.0086,
0.0000

174.2624,
181.6315, 119.5941

■ 0.6287, 0.6124,
0.0000

213.7392,

■ 0.0000, 0.0000,

222.9154, 152.1457

0.0000

258.7686,
270.0242, 190.1251

■ 33.5440, 34.7226,
14.8317

■ 33.5440, 34.7226,
14.8317

■ 31.9374, 32.6278,
10.8489

■ 35.3893, 36.9833,
19.8550

■ 30.5520, 30.6870,
7.8279

■ 37.4843, 39.4114,
25.9853

■ 29.3715, 28.8943,
5.6824

■ 39.8423, 42.0142,
33.2862

■ 28.3757, 27.2406,
4.3093

■ 42.4749, 44.7972,
41.8157

■ 27.5662, 25.7884,
3.5248

■ 45.3927, 47.7656,
51.6280

■ 48.6061, 50.9242,
62.7741

■ 52.1245, 54.2777,
75.3020

■ 55.9571, 57.8305,
89.2577

■ 59.8537, 61.4833,
103.3206

Harmonies

Analogous

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



39.1179, 34.7226, 17.5810



33.5440, 34.7226, 14.8317



28.3958, 34.7226, 16.6719

Triad

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



33.5440, 34.7226, 14.8317



24.4185, 34.7226, 53.4305



42.7517, 34.7226, 56.8641

Complementary

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



33.5440, 34.7226, 14.8317



19.5628, 18.8779, 47.9601

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.



38.0830, 34.7226, 71.8832



33.5440, 34.7226, 14.8317



27.5607, 34.7226, 69.5431

Square

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



33.5440, 34.7226, 14.8317



23.4877, 34.7226, 36.2863



32.4674, 34.7226, 77.0692



44.7926, 34.7226, 39.3696

Rectangle

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



33.5440, 34.7226, 14.8317



25.8155, 34.7226, 20.6443



32.4674, 34.7226, 77.0692



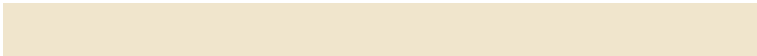
41.4138, 34.7226, 62.5373

Sweetspot

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



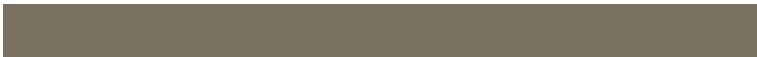
33.5448, 34.7242, 14.8324



74.6871, 78.7905, 68.2382



26.9260, 19.0399, 20.1691



15.8876, 16.7593, 14.0215



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.



33.5448, 34.7242, 14.8324



57.4994, 58.6093, 18.7506



34.9548, 43.2464, 16.4030



9.5158, 10.0345, 9.5422



19.0627, 17.9017, 2.4507



0.7235, 0.7341, 0.1036

Inverse Universe

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



19.5628, 18.8779, 47.9601



29.2636, 26.6593, 85.8080



18.5836, 14.1346, 47.0962



8.7356, 9.1485, 11.3849



6.9722, 4.4042, 31.7357



0.3019, 0.2674, 1.1374

Previews

White Background



This preview shows how the XYZ color 33.5440, 34.7226, 14.8317 looks on a white background.

Color Contrast Check

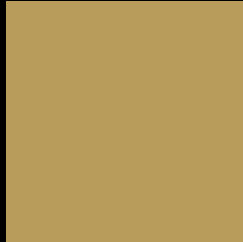
Large Text (above 18pt) WCAG AA × Fail

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 33.5440, 34.7226, 14.8317 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 33.5440, 34.7226, 14.8317

Background



This preview shows how black text looks on a background with the XYZ color 33.5440, 34.7226, 14.8317.



This preview shows how white text looks on a background with the XYZ color 33.5440, 34.7226,

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

33.5440, 34.7226, 14.8317

Protanopia

32.0091, 34.6829, 15.1326

Deuteranopia

35.4081, 34.6985, 14.9565



Tritanopia

38.0831, 34.6302, 37.4780

Trichromacy



Original Color

33.5440, 34.7226, 14.8317

Protanomaly

32.5187, 34.6914, 15.1074

Deuteranomaly

34.5582, 34.5023, 14.9634

Tritanomaly

36.1087, 34.5458, 27.3191

Monochromacy



Original Color

33.5440, 34.7226, 14.8317

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 33.5440, 34.7226, 14.8317 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 91) }
```

Border

The CSS property to change the border of an element to XYZ 33.5440, 34.7226, 14.8317 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, 91) }
```


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

```
.border{ border-color:rgb(184, 156, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 91);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5440, 34.7226, 14.8317 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, 91) }
```

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

```
.background{ background-color: rgb(184,  
156, 91) }
```

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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