

Converting Colors

XYZ(34.4405, 34.2271, 15.3006)

Have a look what the booklet for
XYZ(34.4405, 34.2271, 15.3006)
contains.

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Color

**XYZ(34.4838, 34.2118,
15.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	BE985E
RGB	190, 152, 94
RGB Percent	75%, 60%, 37%
CMY	0.2549, 0.4039, 0.6314
CMYK	0.00, 0.20, 0.51, 0.25
HSL	36°, 42%, 56%
HSV	36°, 51%, 75%
XYZ	34.4838, 34.2118, 15.3757
YIQ	156.7500, 41.2660, -9.9820

Conversions

Conversions Part 2

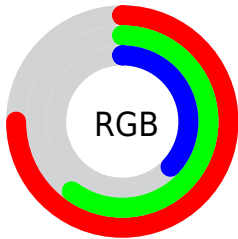
Format	Color
RYB	157, 190, 94
Decimal	12490846
CIELab	65.13, 6.91, 35.73
CIELCh	65, 36.393, 79.052
Yxy	34.2118, 0.4102, 0.4069
Android (android.graphics.Color)	4290680926 (0xFFBE985E)
YUV	156.7500, -30.9357, 29.1603
Hunter-Lab	58.4909, 2.8773, 25.3578

Details

The XYZ color **34.4838, 34.2118, 15.3757** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.1612, 22.5989, 51.9089**, and the grayscale version is **32.0578, 33.7273, 36.7290**.

A 20% lighter version of the original color is **65.8935, 66.1434, 36.0821**, and **14.9783, 14.5730, 4.6082** is the 20% darker color. If you saturate the color by 10%, you get **32.5521, 31.5490, 11.0308**, and if you desaturate by 10%, it is **36.7044, 37.1166, 20.8530**.

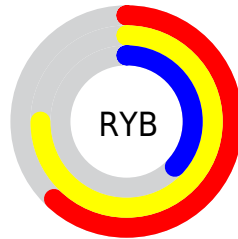
Distribution



Red (75%)

Green (60%)

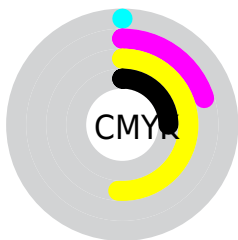
Blue (37%)



Red (62%)

Yellow (75%)

Blue (37%)

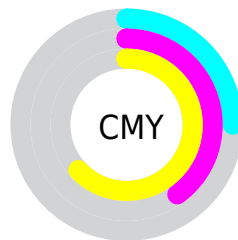


Cyan (0%)

Magenta (20%)

Yellow (51%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4838, 34.2118, 15.3757 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 34.4838, 34.2118, 15.3757 by changing the saturation by 10% instead.


 34.4838, 34.2118,
15.3757


 34.4838, 34.2118,
15.3757


313.8320,
321.0754, 237.3477


 23.4302, 23.0564,
8.9339


 66.0246, 66.2629,
36.2625


 15.0339, 14.6351,
4.6019


 87.2425, 87.9273,
51.5446

 8.9296, 8.5637,
1.9610


 112.5792,
113.8636, 70.6107

 4.7521, 4.4577,
0.5311

 142.4000,
144.4560, 93.8791

 2.1358, 1.9328,
0.0000

177.0704,
180.0890, 121.7685

 0.7086, 0.5680,
0.0000

216.9556,

 0.0000, 0.0000,

221.1470, 154.6973

0.0000

262.4210,
268.0143, 193.0842

■ 34.4838, 34.2118,
15.3757

■ 34.4838, 34.2118,
15.3757

■ 32.5521, 31.5490,
11.0308

■ 36.7044, 37.1166,
20.8530

■ 30.8897, 29.1141,
7.7331

■ 39.2270, 40.2670,
27.5352

■ 29.4781, 26.8988,
5.3887

■ 42.0665, 43.6723,
35.4913

■ 28.2947, 24.8916,
3.8856

■ 45.2362, 47.3400,
44.7843

■ 27.3432, 23.1632,
3.0298

■ 48.7485, 51.2771,
55.4731

■ 52.6149, 55.4902,
67.6130

■ 56.8467, 59.9858,
81.2563

■ 61.4544, 64.7701,
96.4527

■ 64.7954, 69.1878,
104.5472

Harmonies

Analogous

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



39.6350, 34.2118, 19.3231



34.4838, 34.2118, 15.3757



29.3147, 34.2118, 15.9728

Triad

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



34.4838, 34.2118, 15.3757



23.8342, 34.2118, 47.5705



40.8038, 34.2118, 59.7400

Complementary

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



34.4838, 34.2118, 15.3757



22.1612, 22.5989, 51.9089

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.



35.9450, 34.2118, 72.0462



34.4838, 34.2118, 15.3757



26.3072, 34.2118, 63.8096

Square

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



34.4838, 34.2118, 15.3757



23.5336, 34.2118, 31.9971



30.6270, 34.2118, 73.7096



43.5379, 34.2118, 43.0503

Rectangle

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



34.4838, 34.2118, 15.3757



26.5314, 34.2118, 18.9264



30.6270, 34.2118, 73.7096



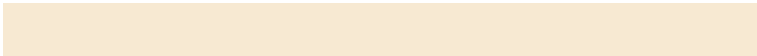
39.3420, 34.2118, 64.6994

Sweetspot

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



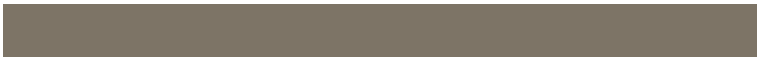
34.4846, 34.2134, 15.3764



79.1893, 82.5919, 72.9027



29.4303, 20.6297, 24.4047



17.1222, 17.8266, 15.2285



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.4846, 34.2134, 15.3764



58.5191, 56.5008, 19.0007



39.3494, 47.3863, 17.6626



9.9967, 10.4694, 10.0705



18.2600, 15.5589, 2.0408



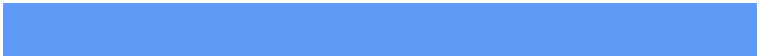
0.7774, 0.7338, 0.1007

Inverse Universe

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



22.1612, 22.5989, 51.9089



33.6350, 33.0878, 92.8930



18.9598, 14.6426, 50.5420



9.3180, 9.8283, 12.0781



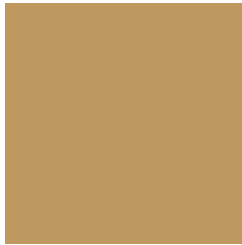
7.9341, 5.9800, 33.1290



0.3749, 0.3625, 1.3191

Previews

White Background



This preview shows how the XYZ color 34.4838, 34.2118, 15.3757 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 34.4838, 34.2118, 15.3757 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 34.4838, 34.2118, 15.3757

Background



This preview shows how black text looks on a background with the XYZ color 34.4838, 34.2118, 15.3757.



This preview shows how white text looks on a background with the XYZ color 34.4838, 34.2118,

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

34.4838, 34.2118, 15.3757

Protanopia

31.5718, 34.1825, 16.0002

Deuteranopia

34.8252, 34.1478, 15.3454



Tritanopia

38.8911, 34.3869, 36.0400

Trichromacy



Original Color

34.4838, 34.2118, 15.3757

Protanomaly

32.5444, 34.1869, 15.7099

Deuteranomaly

34.5728, 34.0177, 15.3336

Tritanomaly

37.0717, 34.3426, 26.8652

Monochromacy



Original Color

34.4838, 34.2118, 15.3757

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.3866, 33.5989, 27.3325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4838, 34.2118, 15.3757 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(190, 152, 94)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 94)  
}
```

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(190, 152, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 94) }
```

Border

The CSS property to change the border of an element to XYZ 34.4838, 34.2118, 15.3757 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(190, 152, 94) }
```


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

```
.border{ border-color:rgb(190, 152, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 94);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4838, 34.2118, 15.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 94) }
```

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

```
.background{ background-color: rgb(190,  
152, 94) }
```

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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