

Converting Colors

XYZ(34.4514, 35.0263, 15.5595)

Have a look what the booklet for
XYZ(34.4514, 35.0263, 15.5595)
contains.

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Color

**XYZ(34.4808, 34.9422,
15.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9B5E
RGB	188, 155, 94
RGB Percent	74%, 61%, 37%
CMY	0.2627, 0.3921, 0.6314
CMYK	0.00, 0.18, 0.50, 0.26
HSL	39°, 41%, 55%
HSV	39°, 50%, 74%
XYZ	34.4808, 34.9422, 15.5169
YIQ	157.9130, 39.2490, -11.9750

Conversions

Conversions Part 2

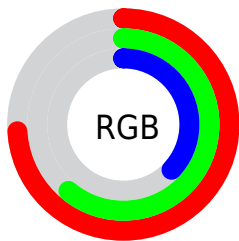
Format	Color
RYB	145, 188, 94
Decimal	12360542
CIELab	65.70, 4.43, 36.40
CIElCh	66, 36.670, 83.061
Yxy	34.9422, 0.4059, 0.4114
Android (android.graphics.Color)	4290550622 (0xFFBC9B5E)
YUV	157.9130, -31.5091, 26.3863
Hunter-Lab	59.1119, 0.6756, 25.8147

Details

The XYZ color **34.4808, 34.9422, 15.5169** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.2824, 21.1886, 50.5450**, and the grayscale version is **32.5866, 34.2836, 37.3349**.

A 20% lighter version of the original color is **65.9173, 67.2381, 36.2921**, and **14.9592, 15.0034, 4.6923** is the 20% darker color. If you saturate the color by 10%, you get **32.6696, 32.5094, 11.2460**, and if you desaturate by 10%, it is **36.5592, 37.5805, 20.8913**.

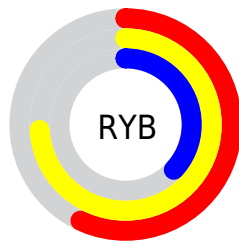
Distribution



Red (74%)

Green (61%)

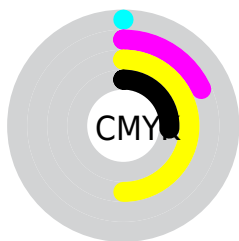
Blue (37%)



Red (57%)

Yellow (74%)

Blue (37%)

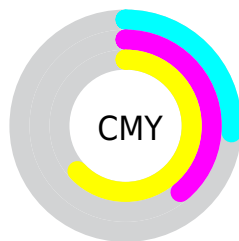


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4808, 34.9422, 15.5169 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 34.4808, 34.9422, 15.5169 by changing the saturation by 10% instead.


 34.4808, 34.9422,
15.5169


 34.4808, 34.9422,
15.5169


313.8190,
324.3131, 238.2215


 23.4278, 23.6184,
9.0323


 66.0200, 67.3962,
36.5125


 15.0322, 15.0508,
4.6652


 87.2369, 89.2952,
51.8606

 8.9284, 8.8550,
1.9969


 112.5726,
115.4880, 71.0003

 4.7513, 4.6467,
0.5534

 142.3923,
146.3590, 94.3501

 2.1353, 2.0415,
0.0000

177.0615,
182.2926, 122.3286

 0.7083, 0.6314,
0.0000

216.9454,

 0.0000, 0.0000,

223.6732, 155.3543

0.0000

262.4094,
270.8853, 193.8458

■ 34.4808, 34.9422,
15.5169

■ 34.4808, 34.9422,
15.5169

■ 32.6696, 32.5094,
11.2460

■ 36.5592, 37.5805,
20.8913

■ 31.1070, 30.2693,
7.9962

■ 38.9169, 40.4268,
27.4393

■ 29.7754, 28.2146,
5.6769


■ 41.5680, 43.4894,
35.2276


■ 28.6536, 26.3352,
4.1803


■ 44.5251, 46.7748,
44.3173


■ 27.6997, 24.6127,
3.2908


■ 47.7997, 50.2890,
54.7655

 27.6996, 24.6125,
3.2908

 51.4029, 54.0378,
66.6257

 55.3450, 58.0266,
79.9487

 59.6359, 62.2608,
94.7827

 62.9362, 66.2058,
104.0696

Harmonies

Analogous

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



39.8446, 34.9422, 18.8966



34.4808, 34.9422, 15.5169



29.3112, 34.9422, 16.7334

Triad

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



34.4808, 34.9422, 15.5169



24.5513, 34.9422, 50.9115



42.2129, 34.9422, 58.8412

Complementary

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



34.4808, 34.9422, 15.5169



21.2824, 21.1886, 50.5450

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.



37.4433, 34.9422, 72.4543



34.4808, 34.9422, 15.5169



27.3587, 34.9422, 67.0778

Square

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



34.4808, 34.9422, 15.5169



23.9408, 34.9422, 34.5680



31.9738, 34.9422, 75.8185



44.6112, 34.9422, 41.7500

Rectangle

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



34.4808, 34.9422, 15.5169



26.6197, 34.9422, 20.2047



31.9738, 34.9422, 75.8185



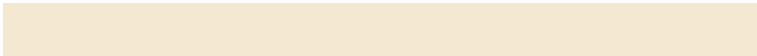
40.8105, 34.9422, 64.1452

Sweetspot

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



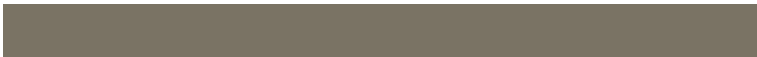
34.4816, 34.9439, 15.5176



77.8129, 81.5974, 71.3748



28.6691, 20.2680, 22.9850



16.4937, 17.2796, 14.6162



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.4816, 34.9439, 15.5176



58.9109, 58.5040, 19.7229



37.7878, 45.9427, 17.4663



10.0327, 10.5414, 10.0826



18.9312, 16.9011, 2.2645



0.8008, 0.7805, 0.1084

Inverse Universe

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



21.2824, 21.1886, 50.5450



32.3025, 30.8189, 90.4723



19.0876, 14.7337, 49.4148



9.2831, 9.7585, 12.0665



7.5700, 5.2518, 33.0076



0.3588, 0.3303, 1.3137

Previews

White Background



This preview shows how the XYZ color 34.4808, 34.9422, 15.5169 looks on a white background.

Color Contrast Check

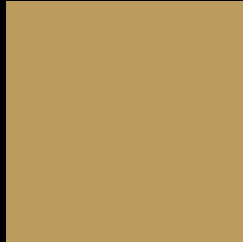
Large Text (above 18pt) WCAG AA × Fail

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 34.4808, 34.9422, 15.5169 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 34.4808, 34.9422, 15.5169

Background



This preview shows how black text looks on a background with the XYZ color 34.4808, 34.9422, 15.5169.



This preview shows how white text looks on a background with the XYZ color 34.4808, 34.9422,

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

34.4808, 34.9422, 15.5169

Protanopia

32.3613, 35.1001, 16.1357

Deuteranopia

35.5419, 34.7520, 15.6610



Tritanopia

38.9399, 34.8400, 37.4733

Trichromacy



Original Color

34.4808, 34.9422, 15.5169

Protanomaly

33.1148, 34.9832, 15.8336

Deuteranomaly

35.1950, 34.8152, 15.6915

Tritanomaly

37.0177, 34.7684, 27.6816

Monochromacy



Original Color

34.4808, 34.9422, 15.5169

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7923, 34.2982, 27.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4808, 34.9422, 15.5169 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(188, 155, 94)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 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(188, 155, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 94) }
```

Border

The CSS property to change the border of an element to XYZ 34.4808, 34.9422, 15.5169 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(188, 155, 94) }
```


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

```
.border{ border-color:rgb(188, 155, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 94);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4808, 34.9422, 15.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 94) }
```

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

```
.background{ background-color: rgb(188,  
155, 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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