

Converting Colors

XYZ(34.9067, 33.2930, 24.5632)

Have a look what the booklet for
XYZ(34.9067, 33.2930, 24.5632)
contains.

XYZ(34.9142, 33.2769, 24.6616)	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(34.9142, 33.2769,
24.6616)**

Conversions

Conversions Part 1

Format	Color
Hex	BB947F
RGB	187, 148, 127
RGB Percent	73%, 58%, 50%
CMY	0.2667, 0.4196, 0.5020
CMYK	0.00, 0.21, 0.32, 0.27
HSL	21°, 31%, 62%
HSV	21°, 32%, 73%
XYZ	34.9142, 33.2769, 24.6616
YIQ	157.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

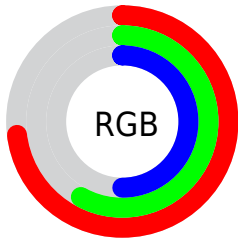
Format	Color
RYB	187, 159, 127
Decimal	12293247
CIELab	64.38, 11.60, 16.68
CIElCh	64, 20.320, 55.175
Yxy	33.2769, 0.3760, 0.3584
Android (android.graphics.Color)	4290483327 (0xFFBB947F)
YUV	157.2670, -14.9216, 26.0758
Hunter-Lab	57.6861, 7.0854, 15.0330

Details

The XYZ color **34.9142, 33.2769, 24.6616** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3579, 35.3713, 52.1884**, and the grayscale version is **32.2244, 33.9026, 36.9199**.

A 20% lighter version of the original color is **66.6670, 64.7694, 52.1680**, and **15.3227, 14.0860, 9.1190** is the 20% darker color. If you saturate the color by 10%, you get **31.9996, 29.2203, 18.2251**, and if you desaturate by 10%, it is **38.2570, 37.8275, 32.3575**.

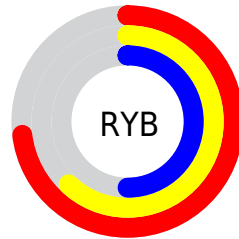
Distribution



Red (73%)

Green (58%)

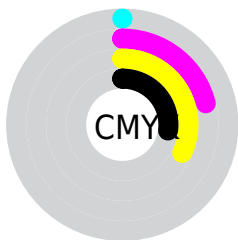
Blue (50%)



Red (73%)

Yellow (62%)

Blue (50%)

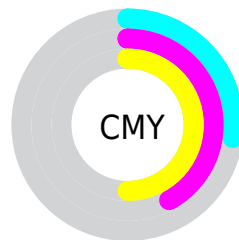


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9142, 33.2769, 24.6616 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 34.9142, 33.2769, 24.6616 by changing the saturation by 10% instead.


 34.9142, 33.2769,
24.6616


 34.9142, 33.2769,
24.6616


315.7041,
316.8956, 289.5420


 23.7630, 22.3387,
15.6084


 66.6877, 64.8076,
52.0650

 15.2817, 14.1059,
9.0961


 88.0408, 86.1688,
71.2523

 9.1049, 8.1944,
4.7063


 113.5251,
111.7732, 94.6546

 4.8673, 4.2196,
2.0203

143.5061,
142.0051, 122.6907

 2.2036, 1.7971,
0.5677

178.3492,
177.2489, 155.7789

 0.7446, 0.4854,
0.0000

218.4196,

 0.0000, 0.0000,

217.8889, 194.3378

0.0000

264.0828,
264.3097, 238.7860

■ 34.9142, 33.2769,
24.6616

■ 34.9142, 33.2769,
24.6616

■ 31.9996, 29.2203,
18.2251

■ 38.2570, 37.8275,
32.3575

■ 29.4918, 25.6357,
12.9779

■ 42.0428, 42.8838,
41.3738

■ 27.3716, 22.5063,
8.8461


■ 46.2889, 48.4629,
51.7697

■ 25.6168, 19.8122,
5.7466


■ 51.0108, 54.5799,
63.6003

■ 24.2025, 17.5321,
3.5843


■ 56.2234, 61.2488,
76.9178


 23.1000, 15.6420,
2.2462

 61.9407, 68.4835,
91.7715

 22.4105, 14.3987,
1.5981

 67.7056, 76.1088,
105.7298

 71.2672, 83.2321,
106.9170

 74.3036, 89.3048,
107.9291

Harmonies

Analogous

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



36.9369, 33.2769, 29.8676



34.9142, 33.2769, 24.6616



32.0991, 33.2769, 22.5594

Triad

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



34.9142, 33.2769, 24.6616



26.4014, 33.2769, 34.9088



34.0554, 33.2769, 52.6546

Complementary

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



34.9142, 33.2769, 24.6616



31.3579, 35.3713, 52.1884

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.



31.1629, 33.2769, 54.5466



34.9142, 33.2769, 24.6616



26.8551, 33.2769, 43.4439

Square

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



34.9142, 33.2769, 24.6616



27.2770, 33.2769, 27.8724



28.5561, 33.2769, 50.9534



36.4203, 33.2769, 46.1174

Rectangle

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



34.9142, 33.2769, 24.6616



30.1943, 33.2769, 22.9254



28.5561, 33.2769, 50.9534



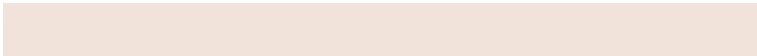
33.1078, 33.2769, 53.8934

Sweetspot

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



34.9151, 33.2785, 24.6623



76.6959, 78.6527, 77.4860



34.9661, 28.4971, 39.7343



16.6631, 17.0211, 16.5143



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.



34.9151, 33.2785, 24.6623



58.5236, 54.0374, 35.2684



40.2449, 43.9381, 26.4389



9.7960, 10.0680, 10.0037



15.5029, 10.0445, 1.1217



0.6695, 0.5179, 0.0647

Inverse Universe

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



31.3579, 35.3713, 52.1884



51.0801, 58.3883, 92.7793



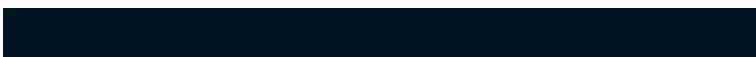
26.5266, 25.7086, 50.5780



9.5198, 10.2320, 12.1454



11.0061, 12.1239, 34.1530



0.4903, 0.5932, 1.3575

Previews

White Background



This preview shows how the XYZ color 34.9142, 33.2769, 24.6616 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 34.9142, 33.2769, 24.6616 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 34.9142, 33.2769, 24.6616

Background



This preview shows how black text looks on a background with the XYZ color 34.9142, 33.2769, 24.6616.



This preview shows how white text looks on a background with the XYZ color 34.9142, 33.2769,

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

34.9142, 33.2769, 24.6616

Protanopia

31.5023, 33.4150, 26.2621

Deuteranopia

34.0285, 33.2901, 24.7108



Tritanopia

37.1249, 33.2602, 35.4735

Trichromacy



Original Color

34.9142, 33.2769, 24.6616

Protanomaly

32.6541, 33.2784, 25.8214

Deuteranomaly

34.3454, 33.2175, 24.6801

Tritanomaly

36.2225, 33.1139, 31.2706

Monochromacy



Original Color

34.9142, 33.2769, 24.6616

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.8924, 33.5114, 31.9289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9142, 33.2769, 24.6616 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(187, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(187, 148, 127)  
}
```

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(187, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 148, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.9142, 33.2769, 24.6616 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(187, 148, 127) }
```


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

```
.border{ border-color:rgb(187, 148, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(187, 148,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9142, 33.2769, 24.6616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 148, 127) }
```

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

```
.background{ background-color: rgb(187,  
148, 127) }
```

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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