

Converting Colors

XYZ(35.8902, 34.4225, 27.3918)

Have a look what the booklet for
XYZ(35.8902, 34.4225, 27.3918)
contains.

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Color

**XYZ(35.8632, 34.4192,
27.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9786
RGB	187, 151, 134
RGB Percent	73%, 59%, 53%
CMY	0.2667, 0.4078, 0.4745
CMYK	0.00, 0.19, 0.28, 0.27
HSL	19°, 28%, 63%
HSV	19°, 28%, 73%
XYZ	35.8632, 34.4192, 27.3076
YIQ	159.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

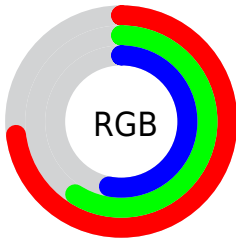
Format	Color
RYB	187, 159, 134
Decimal	12294022
CIELab	65.29, 10.90, 14.04
CIElCh	65, 17.771, 52.169
Yxy	34.4192, 0.3675, 0.3527
Android (android.graphics.Color)	4290484102 (0xFFBB9786)
YUV	159.8260, -12.7322, 23.8316
Hunter-Lab	58.6679, 6.4468, 13.4703

Details

The XYZ color **35.8632, 34.4192, 27.3076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1755, 37.4046, 52.4852**, and the grayscale version is **33.3823, 35.1208, 38.2465**.

A 20% lighter version of the original color is **68.1092, 66.4836, 56.2566**, and **15.8303, 14.7410, 10.3985** is the 20% darker color. If you saturate the color by 10%, you get **32.7376, 30.0739, 20.3900**, and if you desaturate by 10%, it is **39.4415, 39.3004, 35.5147**.

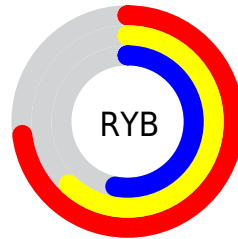
Distribution



Red (73%)

Green (59%)

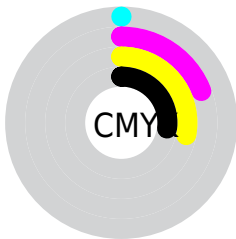
Blue (53%)



Red (73%)

Yellow (62%)

Blue (53%)

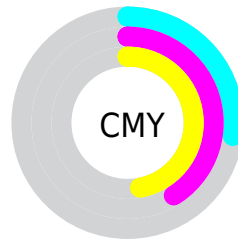


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8632, 34.4192, 27.3076 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 35.8632, 34.4192, 27.3076 by changing the saturation by 10% instead.


 35.8632, 34.4192,
27.3076


 35.8632, 34.4192,
27.3076


319.8039,
321.9972, 302.9506


 24.4982, 23.2158,
17.5699


 68.1461, 66.5850,
56.3868

 15.8303, 14.7530,
10.4754


 89.7947, 88.3163,
76.5654

 9.4942, 8.6462,
5.6056


 115.6019,
114.3256, 101.0613

 5.1246, 4.5111,
2.5419

145.9330,
144.9974, 130.2932

 2.3561, 1.9634,
0.8622

181.1534,
180.7161, 164.6795

 0.8231, 0.5861,
0.0000

221.6285,

 0.0000, 0.0000,

221.8660, 204.6388

0.0000

267.7235,
268.8316, 250.5896

■ 35.8632, 34.4192,
27.3076

■ 35.8632, 34.4192,
27.3076

■ 32.7376, 30.0739,
20.3900

■ 39.4415, 39.3004,
35.5147

■ 30.0429, 26.2409,
14.6936

■ 43.4876, 44.7305,
45.0707

■ 27.7595, 22.9020,
10.1466


■ 48.0194, 50.7280,
56.0338


■ 25.8648, 20.0359,
6.6691


■ 53.0529, 57.3090,
68.4582


■ 24.3341, 17.6194,
4.1708


■ 58.6033, 64.4891,
82.3953

 23.1391, 15.6272,
2.5458


 64.6852, 72.2832,
97.8937

 22.2387, 14.0278,
1.6246

 69.6769, 80.0514,
106.3868

 22.1092, 13.7960,
1.4976

 73.5457, 87.7891,
107.6765

 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.



37.5438, 34.4192, 32.3509



35.8632, 34.4192, 27.3076



33.3973, 34.4192, 25.0542

Triad

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



35.8632, 34.4192, 27.3076



28.0270, 34.4192, 35.5677



34.6288, 34.4192, 52.2886

Complementary

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



35.8632, 34.4192, 27.3076



33.1755, 37.4046, 52.4852

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.



32.0409, 34.4192, 53.4468



35.8632, 34.4192, 27.3076



28.3180, 34.4192, 43.1171

Square

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



35.8632, 34.4192, 27.3076



28.9385, 34.4192, 29.3958



29.7556, 34.4192, 49.9007



36.8053, 34.4192, 46.9173

Rectangle

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



35.8632, 34.4192, 27.3076



31.6764, 34.4192, 25.1977



29.7556, 34.4192, 49.9007



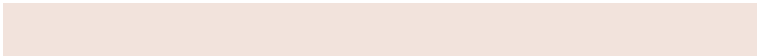
33.7749, 34.4192, 53.2098

Sweetspot

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



35.8641, 34.4208, 27.3083



77.2717, 79.2930, 79.2537



36.2951, 30.5259, 42.1172



16.7734, 17.1369, 16.8737



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.



35.8641, 34.4208, 27.3083



60.6631, 56.7040, 40.9527



40.5750, 43.8426, 28.8786



9.7733, 10.0227, 9.9961



15.2920, 9.6227, 1.0514



0.6597, 0.4982, 0.0614

Inverse Universe

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



33.1755, 37.4046, 52.4852



55.0500, 62.9099, 93.4428



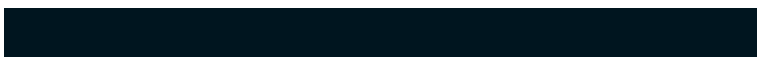
28.7319, 28.5174, 51.0040



9.5435, 10.2793, 12.1533



11.4773, 13.0664, 34.3100



0.5063, 0.6252, 1.3629

Previews

White Background



This preview shows how the XYZ color 35.8632, 34.4192, 27.3076 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 35.8632, 34.4192, 27.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

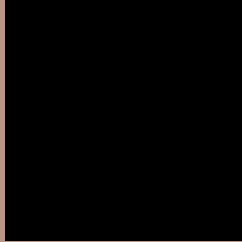
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8632, 34.4192, 27.3076

Background



This preview shows how black text looks on a background with the XYZ color 35.8632, 34.4192, 27.3076.



This preview shows how white text looks on a background with the XYZ color 35.8632, 34.4192,

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

35.8632, 34.4192, 27.3076

Protanopia

32.5402, 34.3957, 28.9687

Deuteranopia

35.2227, 34.5710, 27.3707



Tritanopia

37.9269, 34.3178, 37.4259

Trichromacy



Original Color

35.8632, 34.4192, 27.3076

Protanomaly

33.6923, 34.2475, 28.5016

Deuteranomaly

35.2985, 34.3681, 27.3275

Tritanomaly

37.0812, 34.2006, 33.5012

Monochromacy



Original Color

35.8632, 34.4192, 27.3076

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2204, 34.8944, 34.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8632, 34.4192, 27.3076 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, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 134)  
}
```

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, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 134) }
```

Border

The CSS property to change the border of an element to XYZ 35.8632, 34.4192, 27.3076 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, 151, 134) }
```


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

```
.border{ border-color:rgb(187, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 151, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 151, 134);  
box-shadow:4px 4px 4px 4px rgb(187, 151,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8632, 34.4192, 27.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 134) }
```

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

```
.background{ background-color: rgb(187,  
151, 134) }
```

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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