

Converting Colors

Yxy(34.8161, 0.3709, 0.3530)

Have a look what the booklet for
Yxy(34.8161, 0.3709, 0.3530)
contains.

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Color

Yxy(34.8016, 0.3707, 0.3524)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BE9786 |
| RGB | 190, 151, 134 |
| RGB Percent | 75%, 59%, 53% |
| CMY | 0.2548, 0.4079, 0.4745 |
| CMYK | 0.00, 0.21, 0.29, 0.25 |
| HSL | 18°, 30%, 64% |
| HSV | 18°, 29%, 75% |
| XYZ | 36.6088, 34.8016, 27.3455 |
| YIQ | 160.7230, 28.7010, 2.9810 |

Conversions

Conversions Part 2

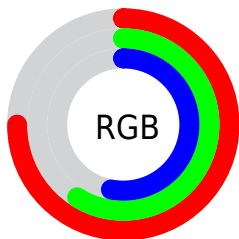
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 190, 158, 134 |
| Decimal | 12490630 |
| CIE Lab | 65.59, 12.09, 14.49 |
| CIE LCh | 66, 18.877, 50.160 |
| Yxy | 34.8016, 0.3707, 0.3524 |
| Android (android.graphics.Color) | 4290680710 (0xFFBE9786) |
| YUV | 160.7230, -13.1744, 25.6759 |
| Hunter-Lab | 58.9929, 7.5331, 13.8118 |

Details

The Yxy color **34.8016, 0.3707, 0.3524** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6873, 0.2680, 0.3042**, and the grayscale version is **35.5593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0247, 0.3593, 0.3482**, and **14.9887, 0.3910, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **30.2951, 0.3975, 0.3607**, and if you desaturate by 10%, it is **39.8852, 0.3478, 0.3441**.

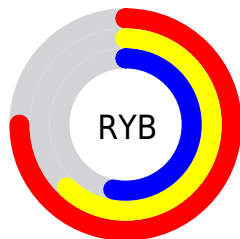
Distribution



Red (75%)

Green (59%)

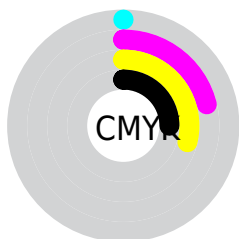
Blue (53%)



Red (75%)

Yellow (62%)

Blue (53%)

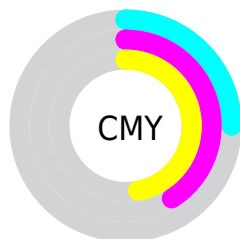


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8016, 0.3707, 0.3524 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 Yxy color 34.8016, 0.3707, 0.3524 by changing the saturation by 10% instead.


 34.8016, 0.3707,
0.3524


 34.8016, 0.3707,
0.3524


323.6917, 0.3401,
0.3408

 23.5101, 0.3789,
0.3552


 67.1783, 0.3592,
0.3482

 14.9706, 0.3897,
0.3588


 89.0323, 0.3550,
0.3466

 8.7988, 0.4047,
0.3633


 115.1759, 0.3514,
0.3453

 4.6102, 0.4267,
0.3691

145.9934, 0.3485,
0.3441

 2.0204, 0.4620,
0.3766

181.8694, 0.3459,
0.3431

 0.6193, 0.5882,
0.4118


223.1882, 0.3437,


 0.0000, 0.0000,


0.3423


0.0000


270.3342, 0.3418,
0.3415


 34.8016, 0.3707,
0.3524


 34.8016, 0.3707,
0.3524


 30.2951, 0.3975,
0.3607


 39.8852, 0.3478,
0.3441


 26.3399, 0.4283,
0.3684


 45.5608, 0.3283,
0.3361


 22.9155, 0.4626,
0.3747

 51.8487, 0.3119,
0.3286

 19.9981, 0.4991,
0.3784

 58.7668, 0.2981,
0.3217

 17.5619, 0.5353,
0.3785

 66.3323, 0.2864,
0.3153

■ 15.5785, 0.5679,
0.3740

■ 74.5618, 0.2765,
0.3096

■ 14.0106, 0.5944,
0.3656

■ 82.6722, 0.2741,
0.3167

■ 13.9384, 0.5957,
0.3652

■ 89.6896, 0.2752,
0.3289

Harmonies

Analogous

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



34.8016, 0.3616, 0.3283



34.8016, 0.3707, 0.3524



34.8016, 0.3634, 0.3720

Triad

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



34.8016, 0.3707, 0.3524



34.8016, 0.2860, 0.3542



34.8016, 0.2822, 0.2810

Complementary

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



34.8016, 0.3707, 0.3524



38.6873, 0.2680, 0.3042

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.



34.8016, 0.2638, 0.2853



34.8016, 0.3707, 0.3524



34.8016, 0.2659, 0.3267

Square

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



34.8016, 0.3707, 0.3524



34.8016, 0.3139, 0.3746



34.8016, 0.2580, 0.3015



34.8016, 0.3094, 0.2884

Rectangle

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



34.8016, 0.3707, 0.3524



34.8016, 0.3505, 0.3794



34.8016, 0.2580, 0.3015



34.8016, 0.2748, 0.2811

Sweetspot

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



34.8032, 0.3707, 0.3524



82.9021, 0.3277, 0.3359



31.0282, 0.3332, 0.2770



17.8554, 0.3304, 0.3370



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.8032, 0.3707, 0.3524



57.9580, 0.3866, 0.3575



44.8380, 0.3605, 0.3883



9.9956, 0.3281, 0.3360



9.3889, 0.5933, 0.3671



0.4866, 0.5449, 0.4055

Inverse Universe

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



38.6873, 0.2680, 0.3042



66.0537, 0.2591, 0.2983



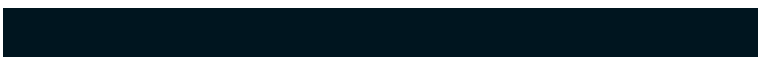
29.1034, 0.2634, 0.2617



10.3077, 0.2985, 0.3219



13.6566, 0.1967, 0.2282



0.6450, 0.2042, 0.2552

Previews

White Background



This preview shows how the Yxy color 34.8016, 0.3707, 0.3524 looks on a white background.

Color Contrast Check

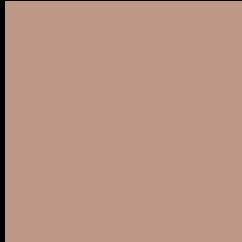
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.8016, 0.3707, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

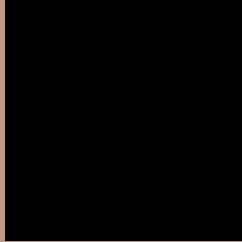
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8016, 0.3707, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 34.8016, 0.3707, 0.3524.



This preview shows how white text looks on a background with the Yxy color 34.8016, 0.3707, 0.3524.

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

34.8016, 0.3707, 0.3524

Protanopia

34.8467, 0.3401, 0.3600

Deuteranopia

34.6940, 0.3636, 0.3557



Tritanopia

34.7081, 0.3490, 0.3131

Trichromacy



Original Color

34.8016, 0.3707, 0.3524

Protanomaly

34.6970, 0.3501, 0.3564

Deuteranomaly

34.6168, 0.3661, 0.3541

Tritanomaly

34.5883, 0.3571, 0.3264

Monochromacy



Original Color

34.8016, 0.3707, 0.3524

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1190, 0.3332, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8016, 0.3707, 0.3524 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, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.8016, 0.3707, 0.3524 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, 151, 134) }
```

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

```
.border{ border-color:rgb(190, 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(190, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 134);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8016, 0.3707, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 134) }
```

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

```
.background{ background-color: rgb(190,  
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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