

Converting Colors

$Yxy(33.5093, 0.3841, 0.3732)$

Have a look what the booklet for
Yxy(33.5093, 0.3841, 0.3732)
contains.

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Color

Yxy(33.5598, 0.3834, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	BA9676
RGB	186, 150, 118
RGB Percent	73%, 59%, 46%
CMY	0.2707, 0.4117, 0.5373
CMYK	0.00, 0.19, 0.37, 0.27
HSL	28°, 33%, 60%
HSV	28°, 37%, 73%
XYZ	34.4217, 33.5598, 21.7986
YIQ	157.1160, 31.7280, -2.3200

Conversions

Conversions Part 2

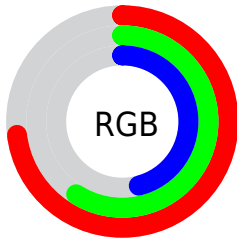
Format	Color
RYB	186, 178, 118
Decimal	12228214
CIELab	64.61, 8.93, 21.99
CIElCh	65, 23.731, 67.886
Yxy	33.5598, 0.3834, 0.3738
Android (android.graphics.Color)	4290418294 (0xFFBA9676)
YUV	157.1160, -19.2842, 25.3313
Hunter-Lab	57.9308, 4.6833, 18.2415

Details

The Yxy color **33.5598, 0.3834, 0.3738** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.4906, 0.2552, 0.2791**, and the grayscale version is **33.8493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1427, 0.3695, 0.3658**, and **14.1786, 0.4064, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **30.1526, 0.4086, 0.3860**, and if you desaturate by 10%, it is **37.3210, 0.3607, 0.3611**.

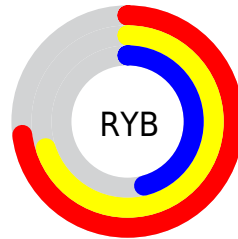
Distribution



Red (73%)

Green (59%)

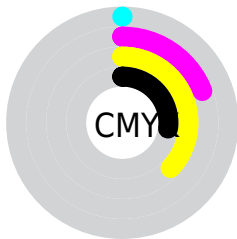
Blue (46%)



Red (73%)

Yellow (70%)

Blue (46%)

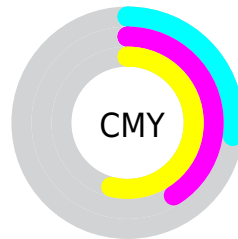


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5598, 0.3834, 0.3738 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 33.5598, 0.3834, 0.3738 by changing the saturation by 10% instead.

 33.5598, 0.3834,
0.3738


 33.5598, 0.3834,
0.3738


318.1647, 0.3460,
0.3511

 22.5556, 0.3933,
0.3794

 65.2485, 0.3694,
0.3656

 14.2657, 0.4063,
0.3865


 86.7019, 0.3642,
0.3625

 8.3057, 0.4241,
0.3956


 112.4071, 0.3600,
0.3598

 4.2912, 0.4495,
0.4073

142.7486, 0.3563,
0.3576

 1.8377, 0.5077,
0.4388

178.1106, 0.3532,
0.3556

 0.5105, 0.5794,
0.4206

218.8778, 0.3505,

 0.0000, 0.0000,

0.3539

0.0000

265.4343, 0.3481,
0.3525

■ 33.5598, 0.3834,
0.3738

■ 33.5598, 0.3834,
0.3738

■ 30.1526, 0.4086,
0.3860

■ 37.3210, 0.3607,
0.3611

■ 27.0830, 0.4360,
0.3969

■ 41.4423, 0.3406,
0.3486

■ 24.3402, 0.4646,
0.4053


■ 45.9358, 0.3230,
0.3365


■ 21.9109, 0.4929,
0.4101

■ 50.8114, 0.3077,
0.3252


■ 19.7802, 0.5193,
0.4099

■ 56.0785, 0.2944,
0.3147


 17.9307, 0.5419,
0.4045

 61.7464, 0.2829,
0.3050

 17.3509, 0.5493,
0.4021

 67.8238, 0.2729,
0.2961

 73.5378, 0.2703,
0.3001

 79.1281, 0.2713,
0.3110

Harmonies

Analogous

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



33.5598, 0.3845, 0.3456



33.5598, 0.3834, 0.3738



33.5598, 0.3626, 0.3924

Triad

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



33.5598, 0.3834, 0.3738



33.5598, 0.2622, 0.3404



33.5598, 0.2933, 0.2728

Complementary

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



33.5598, 0.3834, 0.3738



30.4906, 0.2552, 0.2791

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.



33.5598, 0.2629, 0.2690



33.5598, 0.3834, 0.3738



33.5598, 0.2459, 0.3055

Square

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



33.5598, 0.3834, 0.3738



33.5598, 0.2922, 0.3741



33.5598, 0.2462, 0.2801



33.5598, 0.3307, 0.2894

Rectangle

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



33.5598, 0.3834, 0.3738



33.5598, 0.3410, 0.3954



33.5598, 0.2462, 0.2801



33.5598, 0.2820, 0.2699

Sweetspot

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



33.5614, 0.3834, 0.3738



79.4306, 0.3308, 0.3420



25.7318, 0.3532, 0.2790



17.2484, 0.3332, 0.3437



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.5614, 0.3834, 0.3738



55.7515, 0.4038, 0.3839



45.9061, 0.3678, 0.4160



9.6910, 0.3276, 0.3398



11.8237, 0.5472, 0.4037



0.5409, 0.5059, 0.4365

Inverse Universe

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



30.4906, 0.2552, 0.2791



49.3496, 0.2424, 0.2657



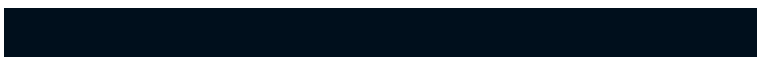
20.8890, 0.2475, 0.2241



9.4847, 0.2985, 0.3180



8.4621, 0.1805, 0.1697



0.4212, 0.1929, 0.2145

Previews

White Background



This preview shows how the Yxy color 33.5598, 0.3834, 0.3738 looks on a white background.

Color Contrast Check

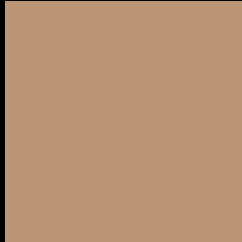
Large Text (above 18pt) WCAG AA × Fail

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 33.5598, 0.3834, 0.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

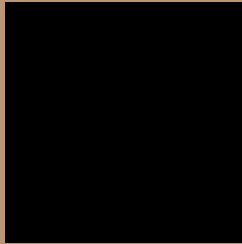
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5598, 0.3834, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 33.5598, 0.3834, 0.3738.



This preview shows how white text looks on a background with the Yxy color 33.5598, 0.3834, 0.3738.

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

33.5598, 0.3834, 0.3738

Protanopia

33.7099, 0.3569, 0.3827

Deuteranopia

33.4350, 0.3823, 0.3739



Tritanopia

33.5982, 0.3494, 0.3142

Trichromacy



Original Color

33.5598, 0.3834, 0.3738

Protanomaly

33.4659, 0.3666, 0.3786

Deuteranomaly

33.4350, 0.3823, 0.3739

Tritanomaly

33.6392, 0.3626, 0.3360

Monochromacy



Original Color

33.5598, 0.3834, 0.3738

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4192, 0.3374, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5598, 0.3834, 0.3738 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(186, 150, 118)` looks like.

```
.text, #text, p{  
    color:rgb(186, 150, 118)  
}
```

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(186, 150, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 150, 118) }
```

Border

The CSS property to change the border of an element to Yxy 33.5598, 0.3834, 0.3738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

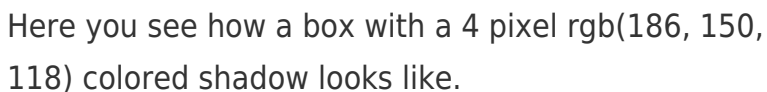
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 150, 118) }
```

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

```
.border{ border-color:rgb(186, 150, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 150, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 150, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 150, 118); box-shadow:4px 4px 4px 4px rgb(186, 150, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5598, 0.3834, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 150, 118) }
```

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

```
.background{ background-color: rgb(186,  
150, 118) }
```

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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