

Converting Colors

$Y_{xy}(35.0338, 0.3811, 0.3711)$

Have a look what the booklet for
Yxy(35.0338, 0.3811, 0.3711)
contains.

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Color

Yxy(35.0064, 0.3811, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	BD997A
RGB	189, 153, 122
RGB Percent	74%, 60%, 48%
CMY	0.2588, 0.4000, 0.5215
CMYK	0.00, 0.19, 0.35, 0.26
HSL	28°, 34%, 61%
HSV	28°, 35%, 74%
XYZ	35.8917, 35.0064, 23.2811
YIQ	160.2300, 31.4070, -2.0090

Conversions

Conversions Part 2

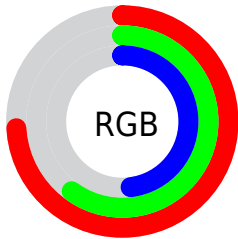
Format	Color
R _Y B	189, 180, 122
Decimal	12425594
CIE Lab	65.75, 9.01, 21.36
CIE LCh	66, 23.184, 67.120
Yxy	35.0064, 0.3811, 0.3717
Android (android.graphics.Color)	4290615674 (0xFFBD997A)
YUV	160.2300, -18.8474, 25.2313
Hunter-Lab	59.1662, 4.7417, 18.0865

Details

The Yxy color **35.0064, 0.3811, 0.3717** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.2714, 0.2571, 0.2818**, and the grayscale version is **35.3446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3136, 0.3672, 0.3632**, and **15.0521, 0.4025, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **31.3993, 0.4063, 0.3838**, and if you desaturate by 10%, it is **38.9909, 0.3585, 0.3592**.

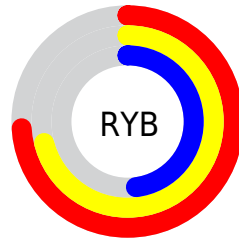
Distribution



Red (74%)

Green (60%)

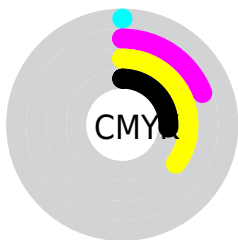
Blue (48%)



Red (74%)

Yellow (71%)

Blue (48%)

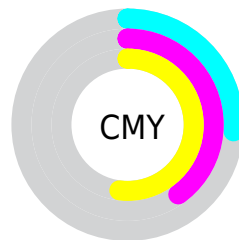


Cyan (0%)

Magenta (19%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (40%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0064, 0.3811, 0.3717 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 35.0064, 0.3811, 0.3717 by changing the saturation by 10% instead.


 35.0064, 0.3811,
0.3717


 35.0064, 0.3811,
0.3717


324.5966, 0.3452,
0.3502

 23.6678, 0.3906,
0.3770


 67.4957, 0.3677,
0.3639

 15.0874, 0.4030,
0.3837


 89.4152, 0.3627,
0.3610

 8.8807, 0.4198,
0.3922


 115.6304, 0.3586,
0.3585

 4.6635, 0.4439,
0.4033

146.5258, 0.3551,
0.3564

 2.0512, 0.4900,
0.4258

182.4857, 0.3521,
0.3545

 0.6370, 0.5644,
0.4356

223.8945, 0.3495,

 0.0000, 0.0000,

0.3529

0.0000

271.1367, 0.3472,
0.3515

■ 35.0064, 0.3811,
0.3717

■ 35.0064, 0.3811,
0.3717

■ 31.3993, 0.4063,
0.3838

■ 38.9909, 0.3585,
0.3592

■ 28.1525, 0.4338,
0.3947

■ 43.3597, 0.3386,
0.3469

■ 25.2544, 0.4627,
0.4033


■ 48.1253, 0.3212,
0.3351

■ 22.6908, 0.4916,
0.4082


■ 53.2985, 0.3061,
0.3241

■ 20.4462, 0.5187,
0.4085


■ 58.8892, 0.2930,
0.3138

 18.5027, 0.5420,
0.4033

 64.9072, 0.2817,
0.3044

 17.7059, 0.5519,
0.4000

 71.3621, 0.2719,
0.2957

 77.0333, 0.2726,
0.3064

 82.9923, 0.2736,
0.3175

Harmonies

Analogous

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



35.0064, 0.3816, 0.3444



35.0064, 0.3811, 0.3717



35.0064, 0.3615, 0.3898

Triad

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



35.0064, 0.3811, 0.3717



35.0064, 0.2646, 0.3409



35.0064, 0.2931, 0.2744

Complementary

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



35.0064, 0.3811, 0.3717



32.2714, 0.2571, 0.2818

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.



35.0064, 0.2641, 0.2712



35.0064, 0.3811, 0.3717



35.0064, 0.2484, 0.3072

Square

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



35.0064, 0.3811, 0.3717



35.0064, 0.2939, 0.3730



35.0064, 0.2483, 0.2823



35.0064, 0.3291, 0.2902

Rectangle

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



35.0064, 0.3811, 0.3717



35.0064, 0.3409, 0.3930



35.0064, 0.2483, 0.2823



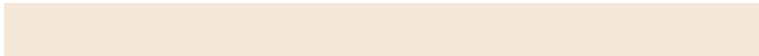
35.0064, 0.2823, 0.2718

Sweetspot

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



35.0080, 0.3811, 0.3717



81.2085, 0.3309, 0.3418



27.2397, 0.3503, 0.2790



17.2182, 0.3333, 0.3434



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.



35.0080, 0.3811, 0.3717



57.3212, 0.4017, 0.3817



47.1974, 0.3667, 0.4122



10.2441, 0.3277, 0.3396



12.0622, 0.5498, 0.4016



0.6034, 0.5107, 0.4327

Inverse Universe

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



32.2714, 0.2571, 0.2818



51.6432, 0.2441, 0.2685



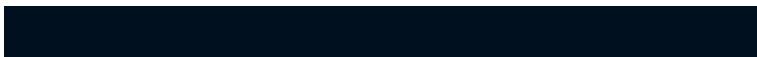
22.5718, 0.2500, 0.2295



10.0516, 0.2984, 0.3181



8.9634, 0.1812, 0.1723



0.4807, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 35.0064, 0.3811, 0.3717 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 35.0064, 0.3811, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

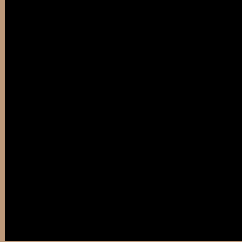
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0064, 0.3811, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 35.0064, 0.3811, 0.3717.



This preview shows how white text looks on a background with the Yxy color 35.0064, 0.3811, 0.3717.

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

35.0064, 0.3811, 0.3717

Protanopia

35.1683, 0.3552, 0.3803

Deuteranopia

34.8790, 0.3800, 0.3719



Tritanopia

35.0205, 0.3487, 0.3144

Trichromacy



Original Color

35.0064, 0.3811, 0.3717

Protanomaly

34.9163, 0.3646, 0.3764

Deuteranomaly

34.8790, 0.3800, 0.3719

Tritanomaly

35.0945, 0.3607, 0.3345

Monochromacy



Original Color

35.0064, 0.3811, 0.3717

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8472, 0.3370, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0064, 0.3811, 0.3717 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(189, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 122)  
}
```

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(189, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 122) }
```

Border

The CSS property to change the border of an element to Yxy 35.0064, 0.3811, 0.3717 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(189, 153, 122) }
```

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

```
.border{ border-color:rgb(189, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0064, 0.3811, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 122) }
```

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

```
.background{ background-color: rgb(189,  
153, 122) }
```

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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