

Converting Colors

Yxy(35.8616, 0.3816, 0.3829)

Have a look what the booklet for
Yxy(35.8616, 0.3816, 0.3829)
contains.

Yxy(35.9867, 0.3810, 0.3828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.9867, 0.3810, 0.3828)

Conversions

Conversions Part 1	
Format	Color
Hex	BB9D76
RGB	187, 157, 118
RGB Percent	73%, 62%, 46%
CMY	0.2668, 0.3843, 0.5372
CMYK	0.00, 0.16, 0.37, 0.27
HSL	34°, 34%, 60%
HSV	34°, 37%, 73%
XYZ	35.8175, 35.9867, 22.2050
YIQ	161.5240, 30.3990, -5.7690

Conversions

Conversions Part 2

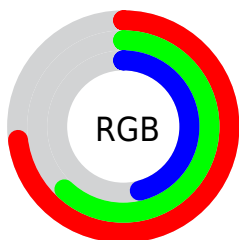
Format	Color
RYB	171, 187, 118
Decimal	12295542
CIELab	66.51, 5.51, 24.54
CIELCh	67, 25.146, 77.353
Yxy	35.9867, 0.3810, 0.3828
Android (android.graphics.Color)	4290485622 (0xFFBB9D76)
YUV	161.5240, -21.4573, 22.3425
Hunter-Lab	59.9889, 1.5961, 20.0460

Details

The Yxy color $35.9867, 0.3810, 0.3828$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $28.6169, 0.2532, 0.2681$, and the grayscale version is $35.9893, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.7239, 0.3682, 0.3729$, and $15.6433, 0.4016, 0.3990$ is the 20% darker color. If you saturate the color by 10%, you get $32.9278, 0.4040, 0.3972$, and if you desaturate by 10%, it is $39.3199, 0.3598, 0.3678$.

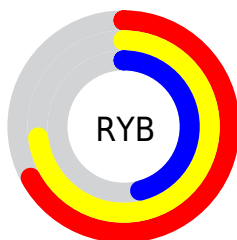
Distribution



Red (73%)

Green (62%)

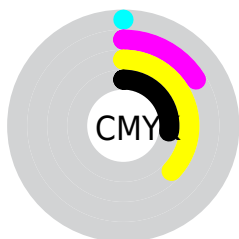
Blue (46%)



Red (67%)

Yellow (73%)

Blue (46%)

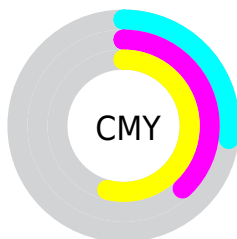


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (38%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9867, 0.3810, 0.3828 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 35.9867, 0.3810, 0.3828 by changing the saturation by 10% instead.


 35.9867, 0.3810,
0.3828


 35.9867, 0.3810,
0.3828

328.9024, 0.3455,
0.3555


 24.4239, 0.3902,
0.3896


 69.0115, 0.3678,
0.3729

 15.6484, 0.4021,
0.3982

 91.2424, 0.3630,
0.3691

 9.2757, 0.4181,
0.4093


 117.7981, 0.3589,
0.3660

 4.9214, 0.4403,
0.4239

149.0629, 0.3554,
0.3633

 2.2012, 0.4868,
0.4563

185.4214, 0.3524,
0.3610

 0.7207, 0.5320,
0.4680

227.2579, 0.3498,

 0.0000, 0.0000,

0.3589


0.0000

274.9568, 0.3475,
0.3571


 35.9867, 0.3810,
0.3828


 35.9867, 0.3810,
0.3828

 32.9278, 0.4040,
0.3972

 39.3199, 0.3598,
0.3678


 30.1295, 0.4282,
0.4102

 42.9308, 0.3406,
0.3529


 27.5841, 0.4528,
0.4206

 46.8286, 0.3234,
0.3385


 25.2812, 0.4765,
0.4272

 51.0209, 0.3082,
0.3248


 23.2094, 0.4980,
0.4289

 55.5148, 0.2947,
0.3121


 21.3542, 0.5163,
0.4255

 60.3170, 0.2829,
0.3004

 20.8124, 0.5217,
0.4239

 65.4342, 0.2726,
0.2896

 70.0338, 0.2701,
0.2925

 74.4554, 0.2710,
0.3017

Harmonies

Analogous

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



35.9867, 0.3891, 0.3558



35.9867, 0.3810, 0.3828



35.9867, 0.3542, 0.3973

Triad

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



35.9867, 0.3810, 0.3828



35.9867, 0.2534, 0.3288



35.9867, 0.3044, 0.2751

Complementary

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



35.9867, 0.3810, 0.3828



28.6169, 0.2532, 0.2681

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.



35.9867, 0.2698, 0.2667



35.9867, 0.3810, 0.3828



35.9867, 0.2419, 0.2949

Square

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



35.9867, 0.3810, 0.3828



35.9867, 0.2805, 0.3657



35.9867, 0.2477, 0.2731



35.9867, 0.3434, 0.2957

Rectangle

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



35.9867, 0.3810, 0.3828



35.9867, 0.3301, 0.3961



35.9867, 0.2477, 0.2731



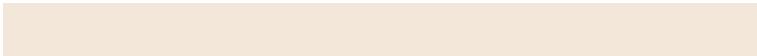
35.9867, 0.2919, 0.2708

Sweetspot

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



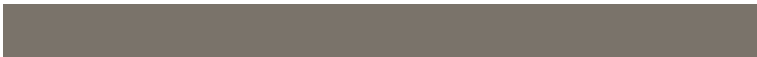
35.9884, 0.3810, 0.3828



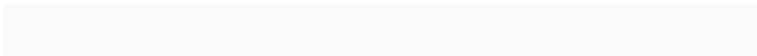
80.8258, 0.3305, 0.3446



25.6962, 0.3608, 0.2861



17.5900, 0.3329, 0.3465



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.



35.9884, 0.3810, 0.3828



60.1367, 0.3989, 0.3942



46.9721, 0.3642, 0.4204



10.4073, 0.3275, 0.3420



14.4895, 0.5202, 0.4252



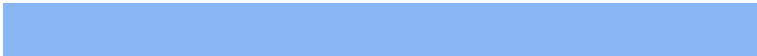
0.6955, 0.4898, 0.4493

Inverse Universe

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



28.6169, 0.2532, 0.2681



45.0803, 0.2401, 0.2524



20.6486, 0.2495, 0.2201



9.8891, 0.2984, 0.3157



6.6925, 0.1719, 0.1388



0.3924, 0.1851, 0.1863

Previews

White Background



This preview shows how the Yxy color 35.9867, 0.3810, 0.3828 looks on a white background.

Color Contrast Check

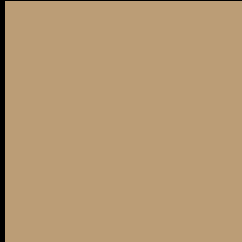
Large Text (above 18pt) WCAG AA × Fail

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 35.9867, 0.3810, 0.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

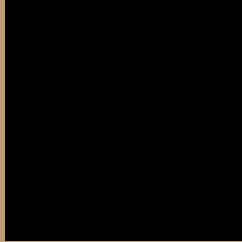
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9867, 0.3810, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 35.9867, 0.3810, 0.3828.



This preview shows how white text looks on a background with the Yxy color 35.9867, 0.3810, 0.3828.

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

35.9867, 0.3810, 0.3828

Protanopia

36.1954, 0.3633, 0.3895

Deuteranopia

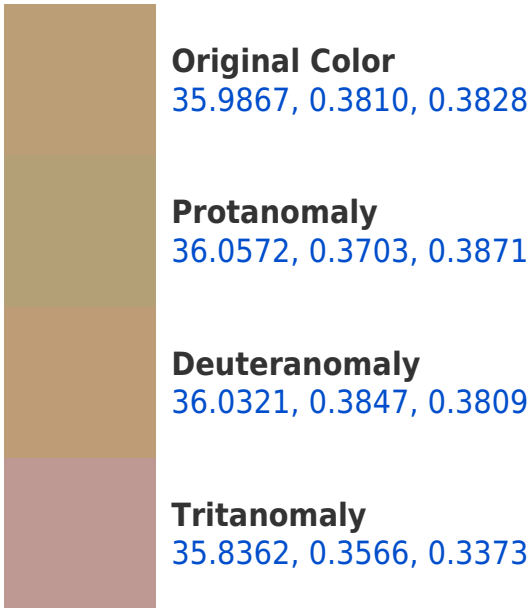
35.9572, 0.3873, 0.3792



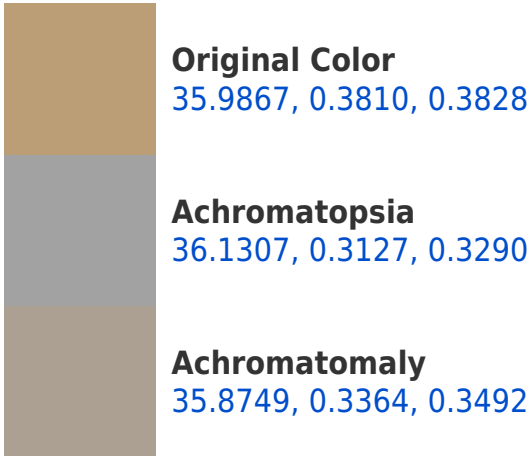
Tritanopia

35.9840, 0.3430, 0.3131

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9867, 0.3810, 0.3828 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, 157, 118) looks like.

```
.text, #text, p{  
    color:rgb(187, 157, 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(187, 157, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 157, 118) }
```

Border

The CSS property to change the border of an element to Yxy 35.9867, 0.3810, 0.3828 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, 157, 118) }
```

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

```
.border{ border-color:rgb(187, 157, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 157, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 157, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 157, 118);  
box-shadow:4px 4px 4px 4px rgb(187, 157,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9867, 0.3810, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 157, 118) }
```

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

```
.background{ background-color: rgb(187,  
157, 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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