

Converting Colors

$Yxy(34.4611, 0.3830, 0.3922)$

Have a look what the booklet for
Yxy(34.4611, 0.3830, 0.3922)
contains.

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Color

Yxy(34.3922, 0.3835, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	B59B6E
RGB	181, 155, 110
RGB Percent	71%, 61%, 43%
CMY	0.2901, 0.3922, 0.5687
CMYK	0.00, 0.14, 0.39, 0.29
HSL	38°, 32%, 57%
HSV	38°, 39%, 71%
XYZ	33.5950, 34.3922, 19.6139
YIQ	157.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

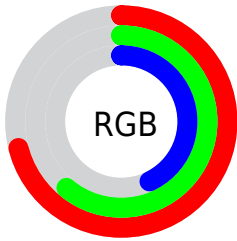
Format	Color
RYB	151, 181, 110
Decimal	11901806
CIELab	65.27, 3.21, 27.17
CIELCh	65, 27.361, 83.267
Yxy	34.3922, 0.3835, 0.3926
Android (android.graphics.Color)	4290091886 (0xFFB59B6E)
YUV	157.6440, -23.4885, 20.4832
Hunter-Lab	58.6449, -0.3738, 21.2217

Details

The Yxy color **34.3922, 0.3835, 0.3926** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.2614, 0.2482, 0.2554**, and the grayscale version is **34.1216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3867, 0.3700, 0.3803**, and **14.7605, 0.4051, 0.4103** is the 20% darker color. If you saturate the color by 10%, you get **31.8919, 0.4050, 0.4083**, and if you desaturate by 10%, it is **37.0975, 0.3631, 0.3761**.

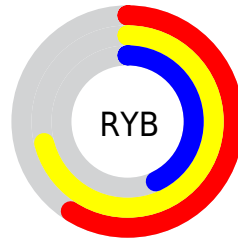
Distribution



Red (71%)

Green (61%)

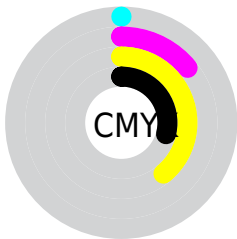
Blue (43%)



Red (59%)

Yellow (71%)

Blue (43%)

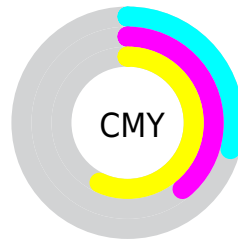


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (29%)



Cyan (29%)

Magenta (39%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3922, 0.3835, 0.3926 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 34.3922, 0.3835, 0.3926 by changing the saturation by 10% instead.


 34.3922, 0.3835,
0.3926


 34.3922, 0.3835,
0.3926


321.8773, 0.3466,
0.3600


 23.1951, 0.3930,
0.4008


 66.5431, 0.3698,
0.3807


 14.7376, 0.4053,
0.4112


 88.2657, 0.3648,
0.3762

 8.6354, 0.4216,
0.4248


 114.2655, 0.3605,
0.3724

 4.5042, 0.4437,
0.4425

 144.9270, 0.3569,
0.3692

 1.9594, 0.5049,
0.4951

180.6345, 0.3538,
0.3664

 0.5837, 0.5203,
0.4797

221.7725, 0.3511,

 0.0000, 0.0000,

0.3640

0.0000

268.7253, 0.3487,
0.3619

■ 34.3922, 0.3835,
0.3926

■ 34.3922, 0.3835,
0.3926

■ 31.8919, 0.4050,
0.4083

■ 37.0975, 0.3631,
0.3761

■ 29.5849, 0.4270,
0.4222

■ 40.0094, 0.3443,
0.3595

■ 27.4655, 0.4486,
0.4331

■ 43.1355, 0.3271,
0.3433

■ 25.5252, 0.4687,
0.4401

■ 46.4815, 0.3116,
0.3279

■ 23.7548, 0.4862,
0.4422

■ 50.0529, 0.2978,
0.3134

■ 22.1384, 0.5010,
0.4397

■ 53.8549, 0.2855,
0.2999

■ 22.0211, 0.5021,
0.4395

■ 57.8924, 0.2746,
0.2875

■ 62.1703, 0.2650,
0.2762

■ 65.4860, 0.2657,
0.2837

Harmonies

Analogous

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



34.3922, 0.3973, 0.3645



34.3922, 0.3835, 0.3926



34.3922, 0.3507, 0.4054

Triad

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



34.3922, 0.3835, 0.3926



34.3922, 0.2436, 0.3204



34.3922, 0.3118, 0.2735

Complementary

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



34.3922, 0.3835, 0.3926



24.2614, 0.2482, 0.2554

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.



34.3922, 0.2720, 0.2613



34.3922, 0.3835, 0.3926



34.3922, 0.2347, 0.2851

Square

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



34.3922, 0.3835, 0.3926



34.3922, 0.2701, 0.3621



34.3922, 0.2448, 0.2647



34.3922, 0.3545, 0.2981

Rectangle

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



34.3922, 0.3835, 0.3926



34.3922, 0.3232, 0.4011



34.3922, 0.2448, 0.2647



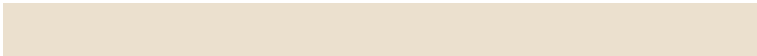
34.3922, 0.2977, 0.2678

Sweetspot

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



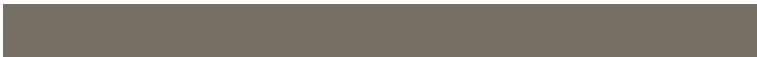
34.3938, 0.3835, 0.3926



75.5377, 0.3320, 0.3480



22.7529, 0.3729, 0.2917



16.1709, 0.3341, 0.3501



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.3938, 0.3835, 0.3926



57.7333, 0.4018, 0.4061



42.9025, 0.3616, 0.4278



9.3727, 0.3272, 0.3434



15.3123, 0.5008, 0.4405



0.5884, 0.4728, 0.4628

Inverse Universe

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



24.2614, 0.2482, 0.2554



37.0990, 0.2333, 0.2358



18.4392, 0.2505, 0.2140



8.7230, 0.2985, 0.3142



5.1332, 0.1665, 0.1192



0.2752, 0.1829, 0.1782

Previews

White Background



This preview shows how the Yxy color 34.3922, 0.3835, 0.3926 looks on a white background.

Color Contrast Check

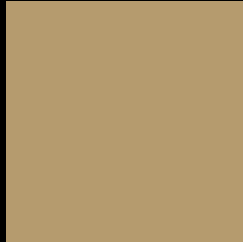
Large Text (above 18pt) WCAG AA × Fail

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 34.3922, 0.3835, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

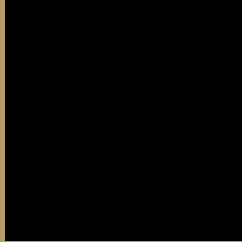
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3922, 0.3835, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 34.3922, 0.3835, 0.3926.



This preview shows how white text looks on a background with the Yxy color 34.3922, 0.3835, 0.3926.

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

34.3922, 0.3835, 0.3926

Protanopia

34.2593, 0.3703, 0.3978

Deuteranopia

34.4230, 0.3927, 0.3853



Tritanopia

34.4721, 0.3402, 0.3141

Trichromacy



Original Color

34.3922, 0.3835, 0.3926

Protanomaly

34.3756, 0.3750, 0.3954

Deuteranomaly

34.3693, 0.3889, 0.3873

Tritanomaly

34.2766, 0.3560, 0.3417

Monochromacy



Original Color

34.3922, 0.3835, 0.3926

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1440, 0.3367, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3922, 0.3835, 0.3926 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(181, 155, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 110)  
}
```

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(181, 155, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 110) }
```

Border

The CSS property to change the border of an element to Yxy 34.3922, 0.3835, 0.3926 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(181, 155, 110) }
```

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

```
.border{ border-color:rgb(181, 155, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 155, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3922, 0.3835, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 110) }
```

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

```
.background{ background-color: rgb(181,  
155, 110) }
```

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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