

Converting Colors

$Yxy(34.5341, 0.3851, 0.3968)$

Have a look what the booklet for
Yxy(34.5341, 0.3851, 0.3968)
contains.

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Color

Yxy(34.6834, 0.3848, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	B59C6C
RGB	181, 156, 108
RGB Percent	71%, 61%, 42%
CMY	0.2902, 0.3882, 0.5763
CMYK	0.00, 0.14, 0.40, 0.29
HSL	39°, 33%, 57%
HSV	39°, 40%, 71%
XYZ	33.6515, 34.6834, 19.1170
YIQ	158.0030, 30.3080, -9.6280

Conversions

Conversions Part 2

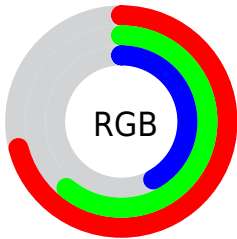
Format	Color
RYB	146, 181, 108
Decimal	11902060
CIELab	65.50, 2.42, 28.53
CIElCh	66, 28.631, 85.152
Yxy	34.6834, 0.3848, 0.3966
Android (android.graphics.Color)	4290092140 (0xFFB59C6C)
YUV	158.0030, -24.6515, 20.1684
Hunter-Lab	58.8926, -1.0665, 21.9789

Details

The Yxy color **34.6834, 0.3848, 0.3966** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3069, 0.2458, 0.2500**, and the grayscale version is **34.2987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8084, 0.3711, 0.3835**, and **14.9414, 0.4067, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **32.3109, 0.4058, 0.4126**, and if you desaturate by 10%, it is **37.2453, 0.3647, 0.3796**.

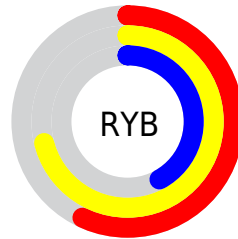
Distribution



Red (71%)

Green (61%)

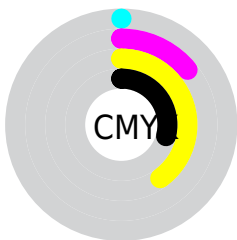
Blue (42%)



Red (57%)

Yellow (71%)

Blue (42%)

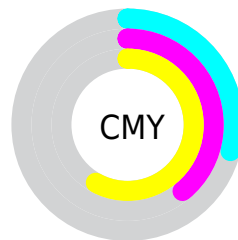


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6834, 0.3848, 0.3966 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 34.6834, 0.3848, 0.3966 by changing the saturation by 10% instead.


 34.6834, 0.3848,
0.3966


 34.6834, 0.3848,
0.3966


323.1687, 0.3474,
0.3619


 23.4191, 0.3944,
0.4053


 66.9950, 0.3710,
0.3839

 14.9033, 0.4066,
0.4163


 88.8111, 0.3659,
0.3792

 8.7515, 0.4228,
0.4306


 114.9133, 0.3615,
0.3752

 4.5795, 0.4445,
0.4492

 145.6859, 0.3579,
0.3717

 2.0027, 0.5005,
0.4995

181.5133, 0.3547,
0.3688

 0.6090, 0.5116,
0.4884

222.7800, 0.3520,

 0.0000, 0.0000,

0.3662

0.0000

269.8703, 0.3495,
0.3639

■ 34.6834, 0.3848,
0.3966

■ 34.6834, 0.3848,
0.3966

■ 32.3109, 0.4058,
0.4126

■ 37.2453, 0.3647,
0.3796

■ 30.1165, 0.4270,
0.4267

■ 39.9979, 0.3460,
0.3624

■ 28.0946, 0.4475,
0.4378

■ 42.9484, 0.3288,
0.3456

■ 26.2372, 0.4663,
0.4447

■ 46.1024, 0.3132,
0.3295

■ 24.5352, 0.4824,
0.4467

■ 49.4649, 0.2992,
0.3143

■ 23.0178, 0.4956,
0.4447

■ 53.0409, 0.2867,
0.3003

■ 56.8351, 0.2756,
0.2873

■ 60.8520, 0.2657,
0.2753

■ 64.0272, 0.2653,
0.2803

Harmonies

Analogous

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



34.6834, 0.4008, 0.3679



34.6834, 0.3848, 0.3966



34.6834, 0.3496, 0.4089

Triad

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



34.6834, 0.3848, 0.3966



34.6834, 0.2396, 0.3172



34.6834, 0.3146, 0.2725

Complementary

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



34.6834, 0.3848, 0.3966



23.3069, 0.2458, 0.2500

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.



34.6834, 0.2726, 0.2589



34.6834, 0.3848, 0.3966



34.6834, 0.2317, 0.2813

Square

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



34.6834, 0.3848, 0.3966



34.6834, 0.2661, 0.3609



34.6834, 0.2433, 0.2613



34.6834, 0.3589, 0.2987

Rectangle

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



34.6834, 0.3848, 0.3966



34.6834, 0.3207, 0.4034



34.6834, 0.2433, 0.2613



34.6834, 0.2997, 0.2664

Sweetspot

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



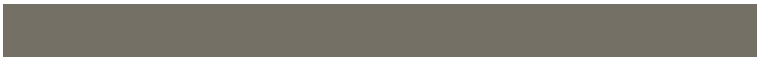
34.6850, 0.3848, 0.3966



75.9001, 0.3319, 0.3487



22.2642, 0.3769, 0.2924



16.2568, 0.3340, 0.3508



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.



34.6850, 0.3848, 0.3966



58.4939, 0.4026, 0.4103



42.6800, 0.3616, 0.4309



9.4067, 0.3271, 0.3439



16.0020, 0.4944, 0.4457



0.6068, 0.4687, 0.4661

Inverse Universe

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



23.3069, 0.2458, 0.2500



35.4479, 0.2309, 0.2297



17.9882, 0.2497, 0.2107



8.6902, 0.2985, 0.3136



4.7918, 0.1647, 0.1128



0.2620, 0.1812, 0.1721

Previews

White Background



This preview shows how the Yxy color 34.6834, 0.3848, 0.3966 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 34.6834, 0.3848, 0.3966 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 34.6834, 0.3848, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 34.6834, 0.3848, 0.3966.



This preview shows how white text looks on a background with the Yxy color 34.6834, 0.3848, 0.3966.

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

34.6834, 0.3848, 0.3966

Protanopia

34.6711, 0.3728, 0.4017

Deuteranopia

34.5077, 0.3958, 0.3877



Tritanopia

34.5072, 0.3392, 0.3127

Trichromacy



Original Color

34.6834, 0.3848, 0.3966

Protanomaly

34.6718, 0.3764, 0.3996

Deuteranomaly

34.4514, 0.3920, 0.3898

Tritanomaly

34.5998, 0.3557, 0.3431

Monochromacy



Original Color

34.6834, 0.3848, 0.3966

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1144, 0.3376, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6834, 0.3848, 0.3966 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, 156, 108)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 108)  
}
```

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, 156, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 108) }
```

Border

The CSS property to change the border of an element to Yxy 34.6834, 0.3848, 0.3966 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, 156, 108) }
```

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

```
.border{ border-color:rgb(181, 156, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 108);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6834, 0.3848, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 108) }
```

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

```
.background{ background-color: rgb(181,  
156, 108) }
```

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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