

Converting Colors

$Yxy(34.2931, 0.3590, 0.3586)$

Have a look what the booklet for
Yxy(34.2931, 0.3590, 0.3586)
contains.

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Color

Yxy(34.3884, 0.3589, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	B39A85
RGB	179, 154, 133
RGB Percent	70%, 60%, 52%
CMY	0.2981, 0.3961, 0.4784
CMYK	0.00, 0.14, 0.26, 0.30
HSL	27°, 23%, 61%
HSV	27°, 26%, 70%
XYZ	34.3788, 34.3884, 27.0222
YIQ	159.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

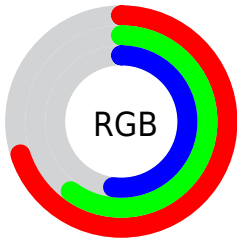
Format	Color
RYB	179, 172, 133
Decimal	11770501
CIELab	65.27, 5.95, 14.44
CIELCh	65, 15.613, 67.602
Yxy	34.3884, 0.3589, 0.3590
Android (android.graphics.Color)	4289960581 (0xFFB39A85)
YUV	159.0810, -12.8579, 17.4690
Hunter-Lab	58.6416, 2.0233, 13.7282

Details

The Yxy color **34.3884, 0.3589, 0.3590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6965, 0.2728, 0.2970**, and the grayscale version is **34.7633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3191, 0.3497, 0.3532**, and **14.7606, 0.3752, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **30.8545, 0.3815, 0.3713**, and if you desaturate by 10%, it is **38.2700, 0.3390, 0.3469**.

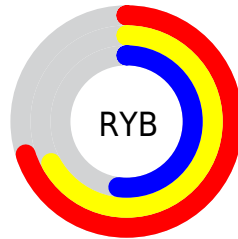
Distribution



Red (70%)

Green (60%)

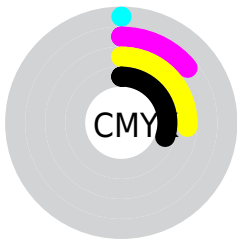
Blue (52%)



Red (70%)

Yellow (67%)

Blue (52%)

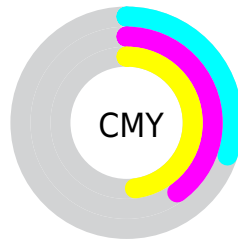


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (30%)



Cyan (30%)


Magenta (40%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3884, 0.3589, 0.3590 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 34.3884, 0.3589, 0.3590 by changing the saturation by 10% instead.


 34.3884, 0.3589,
0.3590


 34.3884, 0.3589,
0.3590


321.8605, 0.3345,
0.3436


 23.1921, 0.3654,
0.3630


 66.5372, 0.3497,
0.3533

 14.7354, 0.3740,
0.3681


 88.2585, 0.3464,
0.3512

 8.6339, 0.3859,
0.3749


 114.2570, 0.3436,
0.3494

 4.5032, 0.4034,
0.3845

144.9171, 0.3412,
0.3479

 1.9588, 0.4317,
0.3990

180.6230, 0.3392,
0.3466

 0.5834, 0.5453,
0.4547


221.7593, 0.3374,

 0.0000, 0.0000,

0.3455


0.0000


268.7103, 0.3359,
0.3445


 34.3884, 0.3589,
0.3590

 34.3884, 0.3589,
0.3590


 30.8545, 0.3815,
0.3713


 38.2700, 0.3390,
0.3469


 27.6531, 0.4068,
0.3832


 42.5045, 0.3216,
0.3353


 24.7748, 0.4344,
0.3939

 47.1029, 0.3065,
0.3244

 22.2080, 0.4634,
0.4023

 52.0742, 0.2934,
0.3143

 19.9398, 0.4925,
0.4071

 57.4272, 0.2821,
0.3050

■ 17.9564, 0.5199,
0.4073

■ 63.1703, 0.2723,
0.2965

■ 16.2418, 0.5434,
0.4021

■ 69.0964, 0.2655,
0.2921

■ 15.5748, 0.5530,
0.3991

■ 74.4165, 0.2667,
0.3033

■ 80.0397, 0.2679,
0.3142

Harmonies

Analogous

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



34.3884, 0.3592, 0.3406



34.3884, 0.3589, 0.3590



34.3884, 0.3458, 0.3703

Triad

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



34.3884, 0.3589, 0.3590



34.3884, 0.2797, 0.3370



34.3884, 0.3000, 0.2912

Complementary

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



34.3884, 0.3589, 0.3590



32.6965, 0.2728, 0.2970

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.



34.3884, 0.2797, 0.2892



34.3884, 0.3589, 0.3590



34.3884, 0.2684, 0.3145

Square

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



34.3884, 0.3589, 0.3590



34.3884, 0.2999, 0.3579



34.3884, 0.2684, 0.2973



34.3884, 0.3245, 0.3024

Rectangle

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



34.3884, 0.3589, 0.3590



34.3884, 0.3319, 0.3718



34.3884, 0.2684, 0.2973



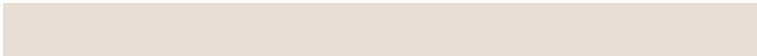
34.3884, 0.2925, 0.2894

Sweetspot

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



34.3900, 0.3589, 0.3590



74.2151, 0.3256, 0.3381



28.8417, 0.3374, 0.2933



16.1870, 0.3281, 0.3398



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.



34.3900, 0.3589, 0.3590



57.8272, 0.3718, 0.3662



42.5989, 0.3515, 0.3891



9.1231, 0.3276, 0.3394



11.1343, 0.5511, 0.4006



0.4674, 0.5053, 0.4370

Inverse Universe

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



32.6965, 0.2728, 0.2970



54.2568, 0.2636, 0.2885



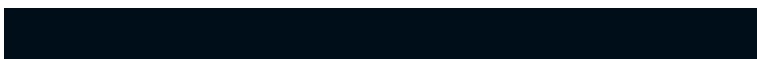
25.6589, 0.2696, 0.2608



8.9698, 0.2985, 0.3183



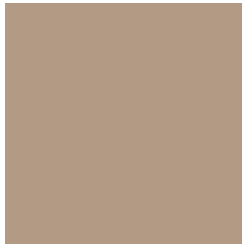
8.5089, 0.1819, 0.1748



0.3826, 0.1950, 0.2221

Previews

White Background



This preview shows how the Yxy color 34.3884, 0.3589, 0.3590 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 34.3884, 0.3589, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

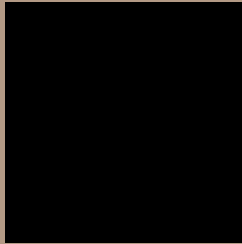
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3884, 0.3589, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 34.3884, 0.3589, 0.3590.



This preview shows how white text looks on a background with the Yxy color 34.3884, 0.3589, 0.3590.

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

34.3884, 0.3589, 0.3590

Protanopia

34.4185, 0.3432, 0.3630

Deuteranopia

34.5432, 0.3635, 0.3572



Tritanopia

34.3664, 0.3339, 0.3125

Trichromacy



Original Color

34.3884, 0.3589, 0.3590

Protanomaly

34.4931, 0.3486, 0.3627

Deuteranomaly

34.4210, 0.3625, 0.3573

Tritanomaly

34.1913, 0.3437, 0.3291

Monochromacy



Original Color

34.3884, 0.3589, 0.3590

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4229, 0.3281, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3884, 0.3589, 0.3590 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(179, 154, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 133)  
}
```

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(179, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.3884, 0.3589, 0.3590 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(179, 154, 133) }
```

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

```
.border{ border-color:rgb(179, 154, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3884, 0.3589, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 133) }
```

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

```
.background{ background-color: rgb(179,  
154, 133) }
```

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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