

# Converting Colors

$Yxy(34.0668, 0.3834, 0.3492)$

Have a look what the booklet for  
Yxy(34.0668, 0.3834, 0.3492)  
contains.

<b>Yxy(34.0668, 0.3834, 0.3492)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(34.0668, 0.3834, 0.3492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59283
RGB	197, 146, 131
RGB Percent	77%, 57%, 51%
CMY	0.2274, 0.4274, 0.4862
CMYK	0.00, 0.26, 0.33, 0.23
HSL	14°, 36%, 64%
HSV	14°, 33%, 77%
XYZ	37.4032, 34.0668, 26.0867
YIQ	159.5390, 35.2110, 6.1470

# Conversions

## Conversions Part 2

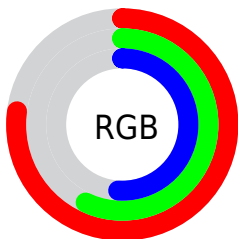
Format	Color
R <sub>Y</sub> B	197, 150, 131
Decimal	12948099
CIE Lab	65.02, 17.20, 15.46
CIE LCh	65, 23.129, 41.960
Yxy	34.0668, 0.3834, 0.3492
Android (android.graphics.Color)	4291138179 (0xFFC59283)
YUV	159.5390, -14.0697, 32.8533
Hunter-Lab	58.3668, 12.2465, 14.3574

# Details

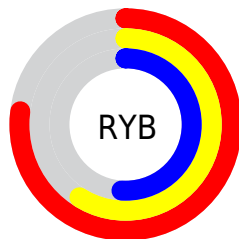
The Yxy color **34.0668, 0.3834, 0.3492** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3259, 0.2629, 0.3076**, and the grayscale version is **34.9862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0292, 0.3694, 0.3458**, and **14.5444, 0.4068, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **29.1972, 0.4137, 0.3553**, and if you desaturate by 10%, it is **39.6666, 0.3577, 0.3429**.

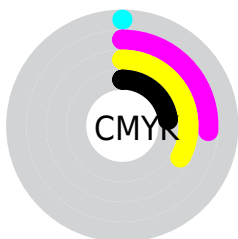
# Distribution



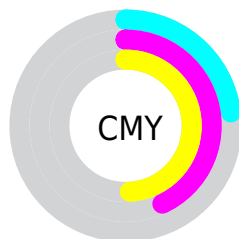
- Red (77%)
- Green (57%)
- Blue (51%)



- Red (77%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (23%)



- Cyan (23%)
- Magenta (43%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0668, 0.3834, 0.3492 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 34.0668, 0.3834, 0.3492 by changing the saturation by 10% instead.





 34.0668, 0.3834,  
0.3492


 34.0668, 0.3834,  
0.3492

320.4298, 0.3459,  
0.3396


 22.9449, 0.3935,  
0.3514


 66.0375, 0.3692,  
0.3459

 14.5528, 0.4068,  
0.3540


 87.6552, 0.3641,  
0.3445

 8.5062, 0.4253,  
0.3570


 113.5402, 0.3598,  
0.3434

 4.4205, 0.4525,  
0.3604

144.0770, 0.3561,  
0.3424

 1.9115, 0.4973,  
0.3639

179.6500, 0.3530,  
0.3416

 0.5553, 0.6316,  
0.3684

220.6435, 0.3503,

 0.0000, 0.0000,


0.3408

0.0000


267.4420, 0.3480,  
0.3402


 34.0668, 0.3834,  
0.3492


 34.0668, 0.3834,  
0.3492


 29.1972, 0.4137,  
0.3553


 39.6666, 0.3577,  
0.3429


 25.0228, 0.4487,  
0.3606

 46.0203, 0.3361,  
0.3367

 21.5125, 0.4874,  
0.3643

 53.1565, 0.3182,  
0.3309


 18.6312, 0.5277,  
0.3654

 61.1007, 0.3033,  
0.3255


 16.3403, 0.5657,  
0.3629


 69.8774, 0.2909,  
0.3206

 14.5964, 0.5970,  
0.3565

 79.5100, 0.2805,  
0.3161

 13.7254, 0.6132,  
0.3513

 89.0910, 0.2787,  
0.3264

 90.6104, 0.2789,  
0.3289

# Harmonies

## Analogous

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



34.0668, 0.3668, 0.3197



34.0668, 0.3834, 0.3492



34.0668, 0.3796, 0.3757

# Triad

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



34.0668, 0.3834, 0.3492



34.0668, 0.2884, 0.3688



34.0668, 0.2677, 0.2704

# Complementary

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



34.0668, 0.3834, 0.3492



42.3259, 0.2629, 0.3076

# 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.



34.0668, 0.2494, 0.2792



34.0668, 0.3834, 0.3492



34.0668, 0.2607, 0.3353

# Square

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



34.0668, 0.3834, 0.3492



34.0668, 0.3236, 0.3900



34.0668, 0.2469, 0.3022



34.0668, 0.2986, 0.2759



# Rectangle

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



34.0668, 0.3834, 0.3492



34.0668, 0.3664, 0.3881



34.0668, 0.2469, 0.3022



34.0668, 0.2600, 0.2717

# Sweetspot

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



34.0684, 0.3834, 0.3492



86.5267, 0.3298, 0.3348



31.5174, 0.3310, 0.2631



18.1403, 0.3325, 0.3356



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

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



34.0684, 0.3834, 0.3492



54.6698, 0.4045, 0.3536



45.4737, 0.3698, 0.3901



11.0210, 0.3284, 0.3343



9.1334, 0.6110, 0.3530



0.5456, 0.5695, 0.3860

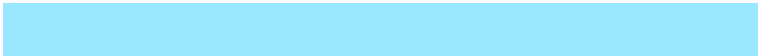


# Inverse Universe

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



42.3259, 0.2629, 0.3076



71.6206, 0.2533, 0.3023



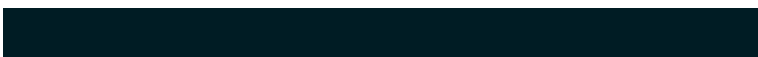
30.5825, 0.2568, 0.2591



11.6435, 0.2984, 0.3236



17.6138, 0.2041, 0.2548



0.9371, 0.2089, 0.2720



# Previews

## White Background



This preview shows how the Yxy color 34.0668, 0.3834, 0.3492 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

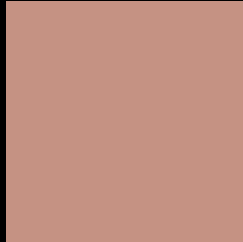
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 34.0668, 0.3834, 0.3492 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

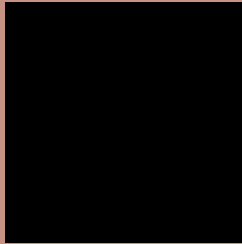
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 34.0668, 0.3834, 0.3492**

## **Background**



This preview shows how black text looks on a background with the Yxy color 34.0668, 0.3834, 0.3492.



This preview shows how white text looks on a background with the Yxy color 34.0668, 0.3834, 0.3492.

# 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

34.0668, 0.3834, 0.3492

### Protanopia

34.3669, 0.3403, 0.3601

### Deuteranopia

34.1355, 0.3670, 0.3601



## Tritanopia

34.1201, 0.3616, 0.3147

# Trichromacy



## Original Color

34.0668, 0.3834, 0.3492

## Protanomaly

34.2076, 0.3548, 0.3563

## Deuteranomaly

34.1158, 0.3731, 0.3568

## Tritanomaly

34.0276, 0.3690, 0.3265

# Monochromacy



## Original Color

34.0668, 0.3834, 0.3492

## Achromatopsia

35.1533, 0.3127, 0.3290

## Achromatomaly

34.4969, 0.3365, 0.3377

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.0668, 0.3834, 0.3492 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(197, 146, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 146, 131)  
}
```

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(197, 146, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 146, 131) }
```

## Border

The CSS property to change the border of an element to Yxy 34.0668, 0.3834, 0.3492 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(197, 146, 131) }
```

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

```
.border{ border-color:rgb(197, 146, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 146, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 146, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 146, 131);  
box-shadow:4px 4px 4px 4px rgb(197, 146,  
131) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.0668, 0.3834, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 146, 131) }
```

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

```
.background{ background-color: rgb(197,  
146, 131) }
```

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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