

# Converting Colors

$Yxy(37.3359, 0.4190, 0.3942)$

Have a look what the booklet for  
Yxy(37.3359, 0.4190, 0.3942)  
contains.

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# Color

**Yxy(37.3359, 0.4190, 0.3942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF9A66
RGB	207, 154, 102
RGB Percent	81%, 60%, 40%
CMY	0.1883, 0.3960, 0.5999
CMYK	0.00, 0.26, 0.51, 0.19
HSL	30°, 52%, 61%
HSV	30°, 51%, 81%
XYZ	39.6848, 37.3359, 17.6924
YIQ	163.9190, 48.2800, -4.9360

# Conversions

## Conversions Part 2

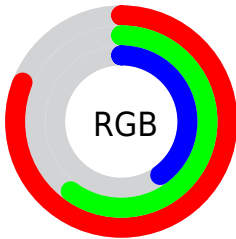
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 205, 102
Decimal	13605478
CIE <sub>Lab</sub>	67.53, 13.67, 34.88
CIE <sub>LCh</sub>	68, 37.461, 68.595
Yxy	37.3359, 0.4190, 0.3942
Android (android.graphics.Color)	4291795558 (0xFFCF9A66)
YUV	163.9190, -30.5261, 37.7820
Hunter-Lab	61.1031, 9.0004, 25.6048

# Details

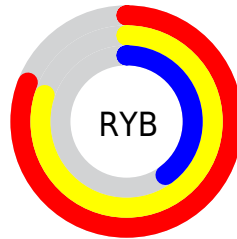
The Yxy color **37.3359, 0.4190, 0.3942** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7766, 0.2320, 0.2508**, and the grayscale version is **37.2164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7048, 0.3901, 0.3849**, and **16.4509, 0.4495, 0.4087** is the 20% darker color. If you saturate the color by 10%, you get **33.6765, 0.4463, 0.4048**, and if you desaturate by 10%, it is **41.4017, 0.3933, 0.3818**.

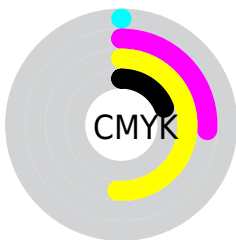
# Distribution



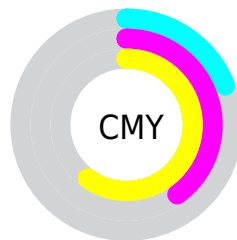
- Red (81%)
- Green (60%)
- Blue (40%)



- Red (81%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (19%)




- Cyan (19%)
- Magenta (40%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3359, 0.4190, 0.3942 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 37.3359, 0.4190, 0.3942 by changing the saturation by 10% instead.





 37.3359, 0.4190,  
0.3942


 37.3359, 0.4190,  
0.3942


334.7625, 0.3644,  
0.3631


 25.4677, 0.4327,  
0.4010


 71.0891, 0.3990,  
0.3835

 16.4258, 0.4500,  
0.4090


 93.7429, 0.3915,  
0.3793

 9.8260, 0.4723,  
0.4181


 120.7606, 0.3852,  
0.3756

 5.2837, 0.5015,  
0.4273

 152.5267, 0.3798,  
0.3724

 2.4147, 0.5549,  
0.4451

189.4255, 0.3752,  
0.3697

 0.8334, 0.5817,  
0.4183

231.8415, 0.3711,

 0.0000, 1.0000,

0.3672

0.0000

280.1590, 0.3675,  
0.3650

0.0000, 0.0000,  
0.0000

37.3359, 0.4190,  
0.3942

37.3359, 0.4190,  
0.3942

33.6765, 0.4463,  
0.4048

41.4017, 0.3933,  
0.3818

30.4026, 0.4741,  
0.4122

45.8828, 0.3697,  
0.3685

27.4993, 0.5007,  
0.4153

50.7944, 0.3487,  
0.3552

24.9477, 0.5244,  
0.4131

56.1492, 0.3301,  
0.3422

22.8667, 0.5432,  
0.4069

61.9594, 0.3138,  
0.3298

■ 68.2366, 0.2996,  
0.3183

■ 74.9919, 0.2873,  
0.3077

■ 81.3962, 0.2833,  
0.3106

■ 87.6439, 0.2839,  
0.3217

# Harmonies

## Analogous

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



37.3359, 0.4229, 0.3519



37.3359, 0.4190, 0.3942



37.3359, 0.3854, 0.4250

# Triad

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



37.3359, 0.4190, 0.3942



37.3359, 0.2361, 0.3440



37.3359, 0.2838, 0.2472

# Complementary

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



37.3359, 0.4190, 0.3942



30.7766, 0.2320, 0.2508

# 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.



37.3359, 0.2394, 0.2404



37.3359, 0.4190, 0.3942



37.3359, 0.2138, 0.2902

# Square

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



37.3359, 0.4190, 0.3942



37.3359, 0.2792, 0.3988



37.3359, 0.2152, 0.2542



37.3359, 0.3405, 0.2715



# Rectangle

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



37.3359, 0.4190, 0.3942



37.3359, 0.3521, 0.4318



37.3359, 0.2152, 0.2542



37.3359, 0.2670, 0.2428

# Sweetspot

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



37.3377, 0.4190, 0.3942



86.0709, 0.3381, 0.3479



25.1812, 0.3795, 0.2618



18.0325, 0.3421, 0.3507



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.



37.3377, 0.4190, 0.3942



53.4102, 0.4492, 0.4057



58.0009, 0.3873, 0.4491



12.7614, 0.3278, 0.3405



14.5977, 0.5411, 0.4086



0.9749, 0.5129, 0.4310

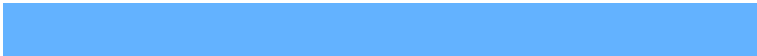


# Inverse Universe

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



30.7766, 0.2320, 0.2508



41.7254, 0.2158, 0.2299



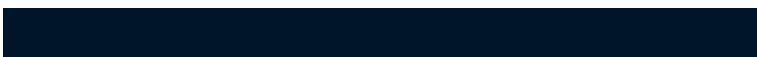
17.1870, 0.2166, 0.1718



12.3898, 0.2982, 0.3172



9.3278, 0.1779, 0.1605



0.6802, 0.1871, 0.1936



# Previews

## White Background



This preview shows how the Yxy color 37.3359, 0.4190, 0.3942 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 37.3359, 0.4190, 0.3942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

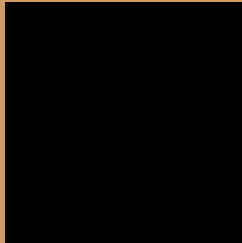
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 37.3359, 0.4190, 0.3942**

## Background



This preview shows how black text looks on a background with the Yxy color 37.3359, 0.4190, 0.3942.



This preview shows how white text looks on a background with the Yxy color 37.3359, 0.4190, 0.3942.

# 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

37.3359, 0.4190, 0.3942

### Protanopia

37.5346, 0.3798, 0.4114

### Deuteranopia

37.1956, 0.4097, 0.4015



## Tritanopia

37.3331, 0.3698, 0.3155

# Trichromacy



**Original Color**

37.3359, 0.4190, 0.3942

**Protanomaly**

37.3285, 0.3932, 0.4046

**Deuteranomaly**

37.2731, 0.4135, 0.3993

**Tritanomaly**

37.3493, 0.3879, 0.3444

# Monochromacy



**Original Color**

37.3359, 0.4190, 0.3942

**Achromatopsia**

37.1238, 0.3127, 0.3290

**Achromatomaly**

36.7680, 0.3503, 0.3557

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.3359, 0.4190, 0.3942 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(207, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(207, 154, 102)  
}
```

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(207, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 154, 102) }
```

## Border

The CSS property to change the border of an element to Yxy 37.3359, 0.4190, 0.3942 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(207, 154, 102) }
```

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

```
.border{ border-color:rgb(207, 154, 102) }
```

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

Here you see how a box with a 4 pixel rgb(207, 154, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 154, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 154, 102);  
box-shadow:4px 4px 4px 4px rgb(207, 154,  
102) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.3359, 0.4190, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 154, 102) }
```

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

```
.background{ background-color: rgb(207,  
154, 102) }
```

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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