

# Converting Colors

$Yxy(60.3276, 0.4229, 0.4015)$

Have a look what the booklet for  
Yxy(60.3276, 0.4229, 0.4015)  
contains.

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# Color

**Yxy(60.3397, 0.4229, 0.4015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC079
RGB	255, 192, 121
RGB Percent	100%, 75%, 47%
CMY	0.0000, 0.2471, 0.5254
CMYK	0.00, 0.25, 0.53, 0.00
HSL	32°, 100%, 74%
HSV	32°, 53%, 100%
XYZ	63.5558, 60.3397, 26.3902
YIQ	202.7430, 60.3390, -8.7250

# Conversions

## Conversions Part 2

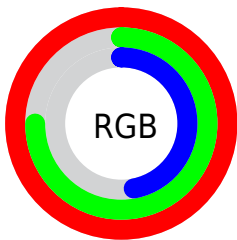
Format	Color
<a href="#">RYB</a>	<a href="#">240, 255, 121</a>
Decimal	<a href="#">16760953</a>
CIELab	<a href="#">82.02, 14.72, 44.31</a>
CIELCh	<a href="#">82, 46.688, 71.624</a>
Yxy	<a href="#">60.3397, 0.4229, 0.4015</a>
Android (android.graphics.Color)	<a href="#">4294951033 (0xFFFFC079)</a>
YUV	<a href="#">202.7430, -40.2993, 45.8294</a>
Hunter-Lab	<a href="#">77.6786, 10.1092, 34.2321</a>

# Details

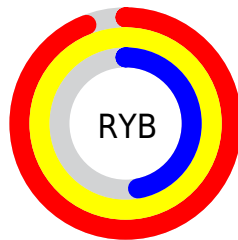
The Yxy color **60.3397, 0.4229, 0.4015** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5801, 0.2270, 0.2401**, and the grayscale version is **59.7741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4899, 0.3622, 0.4014**, and **30.5095, 0.4480, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **54.7340, 0.4493, 0.4123**, and if you desaturate by 10%, it is **66.5259, 0.3974, 0.3885**.

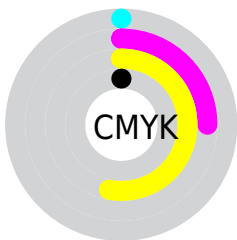
# Distribution



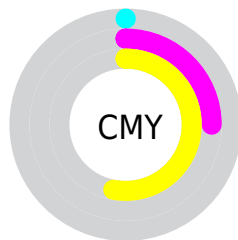
- Red (100%)
- Green (75%)
- Blue (47%)



- Red (94%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3397, 0.4229, 0.4015 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 60.3397, 0.4229, 0.4015 by changing the saturation by 10% instead.




 60.3397, 0.4229,  
0.4015


 60.3397, 0.4229,  
0.4015


425.8488, 0.3710,  
0.3698


 43.6925, 0.4345,  
0.4078


 105.3223, 0.4050,  
0.3911

 30.4288, 0.4486,  
0.4151


 134.4265, 0.3980,  
0.3869

 20.1643, 0.4659,  
0.4232


 168.4518, 0.3919,  
0.3832

 12.5145, 0.4871,  
0.4317

207.7826, 0.3867,  
0.3799

 7.0951, 0.5133,  
0.4395

252.8033, 0.3820,  
0.3770

 3.5217, 0.5516,  
0.4484

303.8983, 0.3779,

 1.4098, 0.5730,

0.3743

0.4270

361.4520, 0.3743,  
0.3720

0.2239, 0.7187,  
0.2813

0.0000, 0.0000,  
0.0000

60.3397, 0.4229,  
0.4015

60.3397, 0.4229,  
0.4015

54.7340, 0.4493,  
0.4123

66.5259, 0.3974,  
0.3885

49.7064, 0.4756,  
0.4195

73.3354, 0.3738,  
0.3743

45.2237, 0.5001,  
0.4220

80.7814, 0.3525,  
0.3599

41.2566, 0.5213,  
0.4190

88.8831, 0.3334,  
0.3458

38.6066, 0.5347,  
0.4136

97.6586, 0.3166,  
0.3323

100.0000, 0.3127,  
0.3290

# Harmonies

## Analogous

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



60.3397, 0.4309, 0.3573



60.3397, 0.4229, 0.4015



60.3397, 0.3844, 0.4327

# Triad

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



60.3397, 0.4229, 0.4015



60.3397, 0.2281, 0.3384



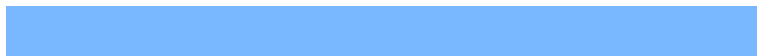
60.3397, 0.2876, 0.2446

# Complementary

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



60.3397, 0.4229, 0.4015



45.5801, 0.2270, 0.2401

# 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.



60.3397, 0.2390, 0.2354



60.3397, 0.4229, 0.4015



60.3397, 0.2074, 0.2826

# Square

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



60.3397, 0.4229, 0.4015



60.3397, 0.2716, 0.3984



60.3397, 0.2113, 0.2473



60.3397, 0.3483, 0.2717



# Rectangle

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



60.3397, 0.4229, 0.4015



60.3397, 0.3483, 0.4383



60.3397, 0.2113, 0.2473



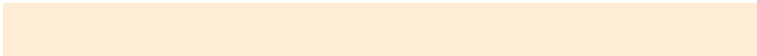
60.3397, 0.2694, 0.2394

# Sweetspot

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



60.3327, 0.4229, 0.4015



86.0072, 0.3397, 0.3506



38.4739, 0.3895, 0.2633



18.0506, 0.3436, 0.3535



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.



60.3327, 0.4229, 0.4015



54.4921, 0.4505, 0.4127



93.7398, 0.3878, 0.4565



19.5800, 0.3281, 0.3416



20.4745, 0.5323, 0.4155

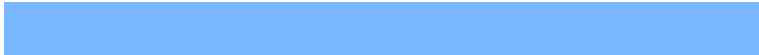


2.2124, 0.5159, 0.4285

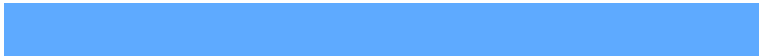


# Inverse Universe

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



45.5801, 0.2270, 0.2401



38.3332, 0.2112, 0.2185



25.1276, 0.2122, 0.1611



18.7865, 0.2979, 0.3161



11.0765, 0.1743, 0.1476



1.2950, 0.1803, 0.1689



# Previews

## White Background



This preview shows how the Yxy color 60.3397, 0.4229, 0.4015 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

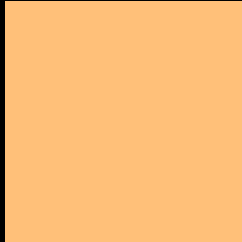
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.3397, 0.4229, 0.4015 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

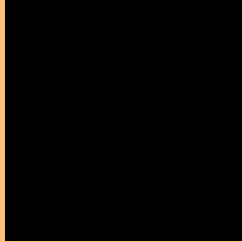
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.3397, 0.4229, 0.4015**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.3397, 0.4229, 0.4015.



This preview shows how white text looks on a background with the Yxy color 60.3397, 0.4229, 0.4015.

# 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

60.3397, 0.4229, 0.4015

### Protanopia

60.3801, 0.3858, 0.4175

### Deuteranopia

60.3427, 0.4160, 0.4074



## Tritanopia

60.4550, 0.3614, 0.3167

# Trichromacy



**Original Color**

60.3397, 0.4229, 0.4015

**Protanomaly**

60.4260, 0.3993, 0.4121

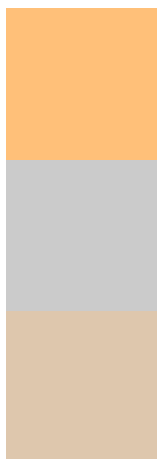
**Deuteranomaly**

60.4489, 0.4191, 0.4055

**Tritanomaly**

60.1287, 0.3848, 0.3481

# Monochromacy



**Original Color**

60.3397, 0.4229, 0.4015

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

59.3936, 0.3512, 0.3590

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.3397, 0.4229, 0.4015 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(255, 192, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 121)  
}
```

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(255, 192, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 121) }
```

## Border

The CSS property to change the border of an element to Yxy 60.3397, 0.4229, 0.4015 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(255, 192, 121) }
```

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

```
.border{ border-color:rgb(255, 192, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 121); box-shadow:4px 4px 4px 4px rgb(255, 192, 121) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.3397, 0.4229, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 121) }
```

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

```
.background{ background-color: rgb(255,  
192, 121) }
```

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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