

# Converting Colors

$Yxy(59.3575, 0.4349, 0.4199)$

Have a look what the booklet for  
Yxy(59.3575, 0.4349, 0.4199)  
contains.

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# Color

**Yxy(59.3343, 0.4344, 0.4202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCC065
RGB	252, 192, 101
RGB Percent	99%, 75%, 40%
CMY	0.0118, 0.2470, 0.6039
CMYK	0.00, 0.24, 0.60, 0.01
HSL	36°, 96%, 69%
HSV	36°, 60%, 99%
XYZ	61.3394, 59.3343, 20.5312
YIQ	199.5660, 64.9710, -15.5810

# Conversions

## Conversions Part 2

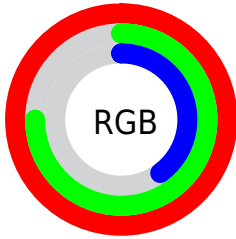
Format	Color
R <sub>Y</sub> B	201, 252, 101
Decimal	16564325
CIE Lab	81.48, 11.94, 53.37
CIE LCh	81, 54.691, 77.395
Yxy	59.3343, 0.4344, 0.4202
Android (android.graphics.Color)	4294754405 (0xFFFC065)
YUV	199.5660, -48.5930, 45.9846
Hunter-Lab	77.0288, 7.3425, 38.1170

# Details

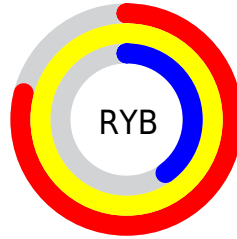
The Yxy color **59.3343, 0.4344, 0.4202** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.2741, 0.2124, 0.2100**, and the grayscale version is **57.7536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7279, 0.3747, 0.4216**, and **29.8935, 0.4607, 0.4368** is the 20% darker color. If you saturate the color by 10%, you get **54.6692, 0.4576, 0.4300**, and if you desaturate by 10%, it is **64.4555, 0.4108, 0.4071**.

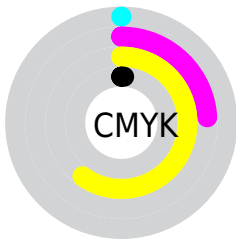
# Distribution



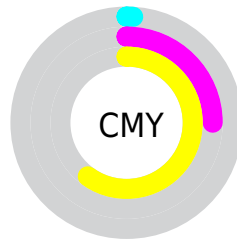
- Red (99%)
- Green (75%)
- Blue (40%)



- Red (79%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (1%)




- Cyan (1%)
- Magenta (25%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3343, 0.4344, 0.4202 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 59.3343, 0.4344, 0.4202 by changing the saturation by 10% instead.





 59.3343, 0.4344,  
0.4202


 59.3343, 0.4344,  
0.4202


422.1397, 0.3781,  
0.3807

 42.8823, 0.4465,  
0.4278


 103.8634, 0.4153,  
0.4075

 29.7928, 0.4608,  
0.4363


 132.7092, 0.4077,  
0.4022

 19.6813, 0.4777,  
0.4454


 166.4552, 0.4011,  
0.3975

 12.1636, 0.4972,  
0.4542

 205.4855, 0.3954,  
0.3934

 6.8552, 0.5275,  
0.4682

250.1848, 0.3903,  
0.3897

 3.3717, 0.5407,  
0.4593

300.9373, 0.3858,

 1.3287, 0.5590,

0.3864

0.4410

358.1275, 0.3817,  
0.3834

0.1633, 0.7322,  
0.2678

0.0000, 0.0000,  
0.0000

59.3343, 0.4344,  
0.4202

59.3343, 0.4344,  
0.4202

54.6692, 0.4576,  
0.4300

64.4555, 0.4108,  
0.4071

50.4313, 0.4791,  
0.4355


70.0423, 0.3879,  
0.3920


46.6003, 0.4977,  
0.4356

76.1146, 0.3663,  
0.3760


43.1421, 0.5130,  
0.4308

82.6879, 0.3465,  
0.3598

 43.1150, 0.5131,  
0.4308

 89.7769, 0.3286,  
0.3439

 97.3957, 0.3126,  
0.3289

 99.4326, 0.3109,  
0.3290

# Harmonies

## Analogous

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



59.3343, 0.4530, 0.3699



59.3343, 0.4344, 0.4202



59.3343, 0.3834, 0.4544

# Triad

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



59.3343, 0.4344, 0.4202



59.3343, 0.2075, 0.3250



59.3343, 0.2957, 0.2364

# Complementary

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



59.3343, 0.4344, 0.4202



35.2741, 0.2124, 0.2100

# 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.



59.3343, 0.2360, 0.2214



59.3343, 0.4344, 0.4202



59.3343, 0.1899, 0.2636

# Square

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



59.3343, 0.4344, 0.4202



59.3343, 0.2524, 0.3992



59.3343, 0.1998, 0.2292



59.3343, 0.3679, 0.2704



# Rectangle

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



59.3343, 0.4344, 0.4202



59.3343, 0.3396, 0.4574



59.3343, 0.1998, 0.2292



59.3343, 0.2736, 0.2291

# Sweetspot

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



59.3372, 0.4344, 0.4202



86.3027, 0.3430, 0.3567



32.5872, 0.4225, 0.2686



18.0336, 0.3484, 0.3614



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.



59.3372, 0.4344, 0.4202



55.2060, 0.4623, 0.4316



88.5356, 0.3869, 0.4755



18.9660, 0.3279, 0.3433



22.7582, 0.5111, 0.4324

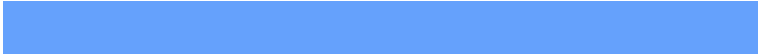


2.3148, 0.4971, 0.4435



# Inverse Universe

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



35.2741, 0.2124, 0.2100



28.6204, 0.1945, 0.1813



20.0546, 0.2046, 0.1394



17.7743, 0.2979, 0.3143



8.6868, 0.1681, 0.1252



1.0052, 0.1746, 0.1487



# Previews

## White Background



This preview shows how the Yxy color 59.3343, 0.4344, 0.4202 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

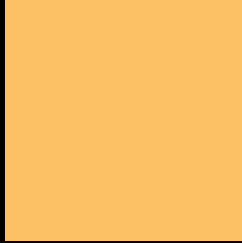
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.3343, 0.4344, 0.4202 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 59.3343, 0.4344, 0.4202**

## Background



This preview shows how black text looks on a background with the Yxy color 59.3343, 0.4344, 0.4202.



This preview shows how white text looks on a background with the Yxy color 59.3343, 0.4344, 0.4202.

# 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

59.3343, 0.4344, 0.4202

### Protanopia

59.5791, 0.4012, 0.4374

### Deuteranopia

59.4035, 0.4321, 0.4218



## Tritanopia

59.1125, 0.3638, 0.3156

# Trichromacy



## Original Color

59.3343, 0.4344, 0.4202

## Protanomaly

59.3387, 0.4127, 0.4308

## Deuteranomaly

59.5887, 0.4329, 0.4215

## Tritanomaly

58.7619, 0.3925, 0.3556

# Monochromacy



## Original Color

59.3343, 0.4344, 0.4202

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

57.6729, 0.3562, 0.3677

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.3343, 0.4344, 0.4202 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(252, 192, 101)` looks like.

```
.text, #text, p{  
    color:rgb(252, 192, 101)  
}
```

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(252, 192, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 192, 101) }
```

## Border

The CSS property to change the border of an element to Yxy 59.3343, 0.4344, 0.4202 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(252, 192, 101) }
```

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

```
.border{ border-color:rgb(252, 192, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 192, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 192, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 192, 101);  
box-shadow:4px 4px 4px 4px rgb(252, 192,  
101) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.3343, 0.4344, 0.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 192, 101) }
```

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

```
.background{ background-color: rgb(252,  
192, 101) }
```

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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