

Converting Colors

Yxy(57.9483, 0.4334, 0.4058)

Have a look what the booklet for
Yxy(57.9483, 0.4334, 0.4058)
contains.

Yxy(57.9483, 0.4334, 0.4058)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9483, 0.4334, 0.4058)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB6F
RGB	255, 187, 111
RGB Percent	100%, 73%, 44%
CMY	0.0000, 0.2667, 0.5647
CMYK	0.00, 0.27, 0.56, 0.00
HSL	32°, 100%, 72%
HSV	32°, 56%, 100%
XYZ	61.8896, 57.9483, 22.9623
YIQ	198.6680, 64.9240, -9.2200

Conversions

Conversions Part 2

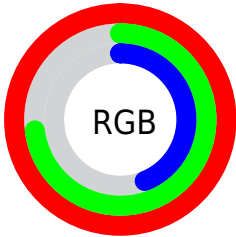
Format	Color
R _Y B	240, 255, 111
Decimal	16759663
CIE Lab	80.71, 16.52, 47.70
CIE LCh	81, 50.476, 70.895
Yxy	57.9483, 0.4334, 0.4058
Android (android.graphics.Color)	4294949743 (0xFFFFBB6F)
YUV	198.6680, -43.2203, 49.4032
Hunter-Lab	76.1238, 11.9061, 35.4022

Details

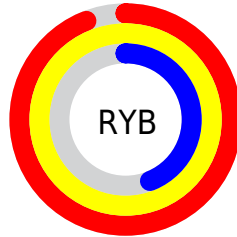
The Yxy color **57.9483, 0.4334, 0.4058** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.8449, 0.2210, 0.2325**, and the grayscale version is **57.1347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0415, 0.3704, 0.4077**, and **28.9785, 0.4614, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **52.5631, 0.4600, 0.4153**, and if you desaturate by 10%, it is **63.9144, 0.4073, 0.3936**.

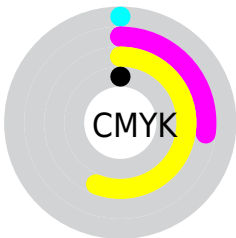
Distribution



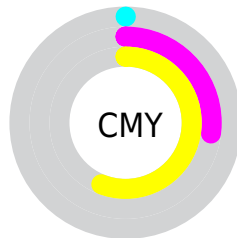
- Red (100%)
- Green (73%)
- Blue (44%)



- Red (94%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9483, 0.4334, 0.4058 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 57.9483, 0.4334, 0.4058 by changing the saturation by 10% instead.


 57.9483, 0.4334,
0.4058

 57.9483, 0.4334,
0.4058


416.9933, 0.3765,
0.3727


 41.7671, 0.4461,
0.4122


 101.8476, 0.4138,
0.3951

 28.9190, 0.4613,
0.4193


 130.3344, 0.4061,
0.3907

 19.0195, 0.4798,
0.4269


 163.6919, 0.3994,
0.3868

 11.6844, 0.5022,
0.4343

 202.3045, 0.3937,
0.3833

 6.5292, 0.5327,
0.4424

246.5565, 0.3886,
0.3802

 3.1694, 0.5615,
0.4385

296.8324, 0.3841,

 1.2208, 0.5870,

0.3775

0.4130

353.5165, 0.3801,
0.3750

0.0786, 0.8588,
0.1412

0.0000, 0.0000,
0.0000

57.9483, 0.4334,
0.4058

57.9483, 0.4334,
0.4058

52.5631, 0.4600,
0.4153

63.9144, 0.4073,
0.3936

47.7462, 0.4859,
0.4208

70.4958, 0.3829,
0.3798

43.4664, 0.5094,
0.4211

77.7095, 0.3606,
0.3654

39.6917, 0.5290,
0.4159

85.5753, 0.3406,
0.3512

38.4665, 0.5353,
0.4131

94.1117, 0.3230,
0.3375

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.



57.9483, 0.4419, 0.3575



57.9483, 0.4334, 0.4058



57.9483, 0.3916, 0.4416

Triad

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



57.9483, 0.4334, 0.4058



57.9483, 0.2214, 0.3405



57.9483, 0.2835, 0.2372

Complementary

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



57.9483, 0.4334, 0.4058



42.8449, 0.2210, 0.2325

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.



57.9483, 0.2315, 0.2276



57.9483, 0.4334, 0.4058



57.9483, 0.1988, 0.2789

Square

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



57.9483, 0.4334, 0.4058



57.9483, 0.2687, 0.4071



57.9483, 0.2025, 0.2405



57.9483, 0.3498, 0.2659

Rectangle

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



57.9483, 0.4334, 0.4058



57.9483, 0.3523, 0.4493



57.9483, 0.2025, 0.2405



57.9483, 0.2639, 0.2317

Sweetspot

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



57.9443, 0.4334, 0.4058



85.1413, 0.3416, 0.3519



35.9493, 0.3981, 0.2592



17.8756, 0.3455, 0.3548



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.



57.9443, 0.4334, 0.4058



51.7899, 0.4641, 0.4165



93.4754, 0.3922, 0.4642



19.5738, 0.3281, 0.3416



20.4012, 0.5329, 0.4151



2.2053, 0.5164, 0.4282

Inverse Universe

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



42.8449, 0.2210, 0.2325



35.3670, 0.2044, 0.2085



22.1269, 0.2040, 0.1475



18.7926, 0.2979, 0.3161



11.1402, 0.1745, 0.1482



1.3014, 0.1804, 0.1695

Previews

White Background



This preview shows how the Yxy color 57.9483, 0.4334, 0.4058 looks on a white background.

Color Contrast Check

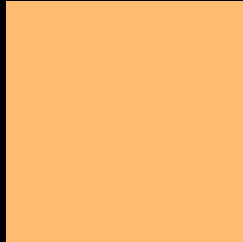
Large Text (above 18pt) WCAG AA × Fail

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 57.9483, 0.4334, 0.4058 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 57.9483, 0.4334, 0.4058

Background



This preview shows how black text looks on a background with the Yxy color 57.9483, 0.4334, 0.4058.



This preview shows how white text looks on a background with the Yxy color 57.9483, 0.4334, 0.4058.

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

57.9483, 0.4334, 0.4058

Protanopia

58.2499, 0.3916, 0.4260

Deuteranopia

57.7999, 0.4231, 0.4138



Tritanopia

57.7083, 0.3680, 0.3166

Trichromacy



Original Color

57.9483, 0.4334, 0.4058

Protanomaly

58.0184, 0.4069, 0.4188

Deuteranomaly

58.0924, 0.4271, 0.4115

Tritanomaly

57.7713, 0.3928, 0.3503

Monochromacy



Original Color

57.9483, 0.4334, 0.4058

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8803, 0.3544, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9483, 0.4334, 0.4058 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, 187, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 111)  
}
```

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, 187, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 111) }
```

Border

The CSS property to change the border of an element to Yxy 57.9483, 0.4334, 0.4058 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, 187, 111) }
```

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

```
.border{ border-color:rgb(255, 187, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9483, 0.4334, 0.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 111) }
```

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

```
.background{ background-color: rgb(255,  
187, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor