

Converting Colors

$Y_{xy}(57.5000, 0.4367, 0.4084)$

Have a look what the booklet for
Yxy(57.5000, 0.4367, 0.4084)
contains.

Yxy(57.4393, 0.4369, 0.4084)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.4393, 0.4369, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA6B
RGB	255, 186, 107
RGB Percent	100%, 73%, 42%
CMY	0.0001, 0.2705, 0.5804
CMYK	0.00, 0.27, 0.58, 0.00
HSL	32°, 100%, 71%
HSV	32°, 58%, 100%
XYZ	61.4477, 57.4393, 21.7577
YIQ	197.6250, 66.4830, -9.9410

Conversions

Conversions Part 2

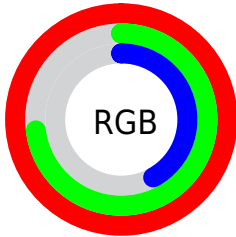
Format	Color
R _Y B	236, 255, 107
Decimal	16759403
CIE Lab	80.43, 16.71, 49.32
CIE LCh	80, 52.079, 71.284
Yxy	57.4393, 0.4369, 0.4084
Android (android.graphics.Color)	4294949483 (0xFFFFBA6B)
YUV	197.6250, -44.6781, 50.3179
Hunter-Lab	75.7887, 12.0933, 36.0309

Details

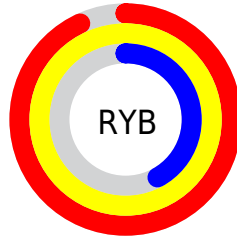
The Yxy color **57.4393, 0.4369, 0.4084** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.3823, 0.2183, 0.2280**, and the grayscale version is **56.4797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3023, 0.3732, 0.4107**, and **28.6627, 0.4656, 0.4223** is the 20% darker color. If you saturate the color by 10%, you get **52.1811, 0.4632, 0.4175**, and if you desaturate by 10%, it is **63.2778, 0.4109, 0.3964**.

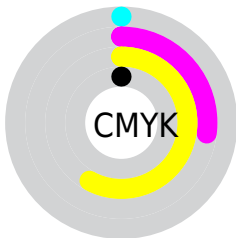
Distribution



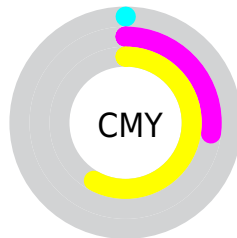
- Red (100%)
- Green (73%)
- Blue (42%)



- Red (93%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4393, 0.4369, 0.4084 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 57.4393, 0.4369, 0.4084 by changing the saturation by 10% instead.


 57.4393, 0.4369,
0.4084

 57.4393, 0.4369,
0.4084

415.0934, 0.3784,
0.3743


 41.3580, 0.4498,
0.4149

 101.1059, 0.4168,
0.3975


 28.5990, 0.4654,
0.4221


 129.4600, 0.4089,
0.3929

 18.7777, 0.4841,
0.4296


 162.6739, 0.4021,
0.3889

 11.5097, 0.5065,
0.4366

 201.1319, 0.3961,
0.3853

 6.4108, 0.5390,
0.4458

245.2185, 0.3909,
0.3821

 3.0964, 0.5628,
0.4372

295.3180, 0.3863,

 1.1823, 0.5890,

0.3793

0.4110

351.8148, 0.3821,
0.3767

0.0472, 0.9057,
0.0943

0.0000, 0.0000,
0.0000

57.4393, 0.4369,
0.4084

57.4393, 0.4369,
0.4084

52.1811, 0.4632,
0.4175

63.2778, 0.4109,
0.3964

47.4702, 0.4886,
0.4224


69.7105, 0.3864,
0.3826

43.2821, 0.5112,
0.4220

76.7608, 0.3638,
0.3681

39.5828, 0.5300,
0.4161

84.4484, 0.3436,
0.3537

 38.9063, 0.5335,
0.4146

 92.7917, 0.3256,
0.3397

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



57.4393, 0.4465, 0.3586



57.4393, 0.4369, 0.4084



57.4393, 0.3931, 0.4456

Triad

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



57.4393, 0.4369, 0.4084



57.4393, 0.2179, 0.3398



57.4393, 0.2832, 0.2348

Complementary

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



57.4393, 0.4369, 0.4084



41.3823, 0.2183, 0.2280

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.



57.4393, 0.2295, 0.2245



57.4393, 0.4369, 0.4084



57.4393, 0.1952, 0.2763

Square

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



57.4393, 0.4369, 0.4084



57.4393, 0.2663, 0.4093



57.4393, 0.1994, 0.2373



57.4393, 0.3518, 0.2644

Rectangle

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



57.4393, 0.4369, 0.4084



57.4393, 0.3524, 0.4537



57.4393, 0.1994, 0.2373



57.4393, 0.2630, 0.2290

Sweetspot

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



57.4421, 0.4369, 0.4084



85.2962, 0.3416, 0.3522



34.9089, 0.4048, 0.2601



17.9122, 0.3454, 0.3551



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.



57.4421, 0.4369, 0.4084



51.2216, 0.4684, 0.4188



92.9025, 0.3922, 0.4680



19.5933, 0.3281, 0.3417



20.6348, 0.5311, 0.4165



2.2279, 0.5149, 0.4294

Inverse Universe

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



41.3823, 0.2183, 0.2280



33.8113, 0.2014, 0.2028



21.1747, 0.2022, 0.1428



18.7733, 0.2979, 0.3160



10.9393, 0.1740, 0.1462



1.2813, 0.1799, 0.1676

Previews

White Background



This preview shows how the Yxy color 57.4393, 0.4369, 0.4084 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 57.4393, 0.4369, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

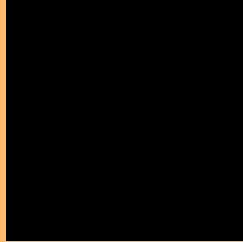
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4393, 0.4369, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 57.4393, 0.4369, 0.4084.



This preview shows how white text looks on a background with the Yxy color 57.4393, 0.4369, 0.4084.

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

57.4393, 0.4369, 0.4084

Protanopia

57.6940, 0.3949, 0.4291

Deuteranopia

57.2800, 0.4265, 0.4164



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.4393, 0.4369, 0.4084

Protanomaly

57.4796, 0.4103, 0.4217

Deuteranomaly

57.5755, 0.4306, 0.4141

Tritanomaly

57.2540, 0.3958, 0.3524

Monochromacy



Original Color

57.4393, 0.4369, 0.4084

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3603, 0.3563, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4393, 0.4369, 0.4084 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, 186, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 107)  
}
```

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, 186, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 107) }
```

Border

The CSS property to change the border of an element to Yxy 57.4393, 0.4369, 0.4084 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, 186, 107) }
```

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

```
.border{ border-color:rgb(255, 186, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4393, 0.4369, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 107) }
```

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

```
.background{ background-color: rgb(255,  
186, 107) }
```

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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