

Converting Colors

Yxy(57.5117, 0.4401, 0.4130)

Have a look what the booklet for
Yxy(57.5117, 0.4401, 0.4130)
contains.

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Color

Yxy(57.3371, 0.4404, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA66
RGB	255, 186, 102
RGB Percent	100%, 73%, 40%
CMY	0.0002, 0.2705, 0.6000
CMYK	0.00, 0.27, 0.60, 0.00
HSL	33°, 100%, 70%
HSV	33°, 60%, 100%
XYZ	61.1855, 57.3371, 20.4091
YIQ	197.0550, 68.0880, -11.4960

Conversions

Conversions Part 2

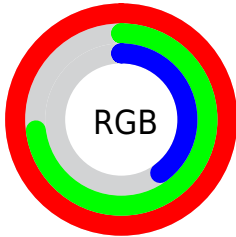
Format	Color
R _Y B	228, 255, 102
Decimal	16759398
CIE Lab	80.37, 16.34, 51.69
CIE LCh	80, 54.215, 72.457
Yxy	57.3371, 0.4404, 0.4127
Android (android.graphics.Color)	4294949478 (0xFFFFBA66)
YUV	197.0550, -46.8621, 50.8178
Hunter-Lab	75.7213, 11.7222, 37.0245

Details

The Yxy color **57.3371, 0.4404, 0.4127** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.1376, 0.2147, 0.2207**, and the grayscale version is **56.1276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1308, 0.3763, 0.4155**, and **28.6162, 0.4693, 0.4265** is the 20% darker color. If you saturate the color by 10%, you get **52.2607, 0.4660, 0.4214**, and if you desaturate by 10%, it is **62.9639, 0.4148, 0.4008**.

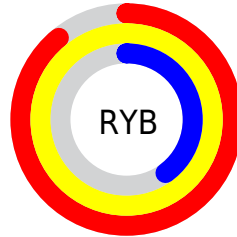
Distribution



Red (100%)

Green (73%)

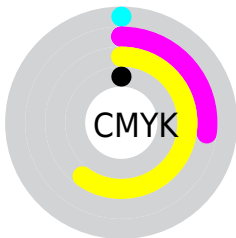
Blue (40%)



Red (89%)

Yellow (100%)

Blue (40%)

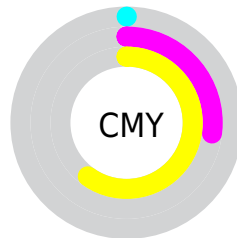


Cyan (0%)

Magenta (27%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3371, 0.4404, 0.4127 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 57.3371, 0.4404, 0.4127 by changing the saturation by 10% instead.


 57.3371, 0.4404,
0.4127

 57.3371, 0.4404,
0.4127

414.7113, 0.3806,
0.3769


 41.2759, 0.4535,
0.4194

 100.9569, 0.4199,
0.4013


 28.5348, 0.4691,
0.4268


 129.2843, 0.4119,
0.3965

 18.7292, 0.4877,
0.4344


 162.4693, 0.4049,
0.3923

 11.4747, 0.5097,
0.4411

 200.8962, 0.3988,
0.3885

 6.3871, 0.5443,
0.4524

244.9495, 0.3934,
0.3852

 3.0819, 0.5614,
0.4386

295.0135, 0.3886,

 1.1746, 0.5872,

0.3821

0.4128

351.4726, 0.3844,
0.3794

0.0408, 0.9147,
0.0853

0.0000, 0.0000,
0.0000

57.3371, 0.4404,
0.4127

57.3371, 0.4404,
0.4127

52.2607, 0.4660,
0.4214

62.9639, 0.4148,
0.4008

47.7024, 0.4901,
0.4256

69.1544, 0.3904,
0.3869

43.6379, 0.5113,
0.4245

75.9315, 0.3677,
0.3721

40.0285, 0.5289,
0.4183

83.3139, 0.3472,
0.3573

40.0279, 0.5289,
0.4183

91.3194, 0.3289,
0.3428

99.9649, 0.3127,
0.3290

99.9922, 0.3127,
0.3290

Harmonies

Analogous

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



57.3371, 0.4523, 0.3612



57.3371, 0.4404, 0.4127



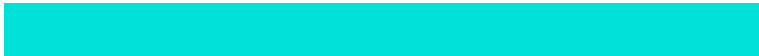
57.3371, 0.3935, 0.4511

Triad

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



57.3371, 0.4404, 0.4127



57.3371, 0.2128, 0.3371



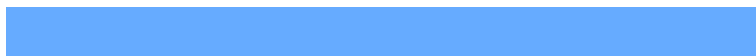
57.3371, 0.2845, 0.2323

Complementary

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



57.3371, 0.4404, 0.4127



39.1376, 0.2147, 0.2207

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.



57.3371, 0.2281, 0.2208



57.3371, 0.4404, 0.4127



57.3371, 0.1906, 0.2717

Square

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



57.3371, 0.4404, 0.4127



57.3371, 0.2619, 0.4105



57.3371, 0.1961, 0.2327



57.3371, 0.3562, 0.2636

Rectangle

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



57.3371, 0.4404, 0.4127



57.3371, 0.3508, 0.4590



57.3371, 0.1961, 0.2327



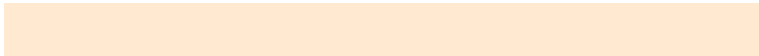
57.3371, 0.2633, 0.2261

Sweetspot

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



57.3399, 0.4404, 0.4127



84.8942, 0.3434, 0.3543



33.7843, 0.4096, 0.2584



17.6895, 0.3490, 0.3586



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.



57.3399, 0.4404, 0.4127



51.3259, 0.4710, 0.4226



92.7509, 0.3942, 0.4716



19.6414, 0.3280, 0.3421



21.2256, 0.5266, 0.4201



2.2850, 0.5110, 0.4325

Inverse Universe

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



39.1376, 0.2147, 0.2207



31.7308, 0.1979, 0.1946



19.8490, 0.1983, 0.1363



18.7257, 0.2979, 0.3156



10.4574, 0.1726, 0.1413



1.2328, 0.1786, 0.1630

Previews

White Background



This preview shows how the Yxy color 57.3371, 0.4404, 0.4127 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 57.3371, 0.4404, 0.4127 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 57.3371, 0.4404, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 57.3371, 0.4404, 0.4127.



This preview shows how white text looks on a background with the Yxy color 57.3371, 0.4404, 0.4127.

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

57.3371, 0.4404, 0.4127

Protanopia

57.5857, 0.3982, 0.4341

Deuteranopia

57.3593, 0.4308, 0.4205



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.3371, 0.4404, 0.4127

Protanomaly

57.3738, 0.4138, 0.4264

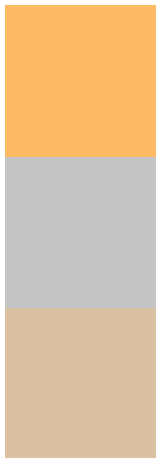
Deuteranomaly

57.4745, 0.4340, 0.4184

Tritanomaly

57.2191, 0.3967, 0.3534

Monochromacy



Original Color

57.3371, 0.4404, 0.4127

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6540, 0.3581, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3371, 0.4404, 0.4127 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 102) }
```

Border

The CSS property to change the border of an element to Yxy 57.3371, 0.4404, 0.4127 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, 102) }
```

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

```
.border{ border-color:rgb(255, 186, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3371, 0.4404, 0.4127 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, 102) }
```

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

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