

Converting Colors

Yxy(64.8819, 0.4334, 0.4349)

Have a look what the booklet for
Yxy(64.8819, 0.4334, 0.4349)
contains.

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Color

Yxy(64.7800, 0.4334, 0.4345)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FFCB5E</code>
RGB	255, 203, 94
RGB Percent	100%, 80%, 37%
CMY	0.0000, 0.2039, 0.6312
CMYK	0.00, 0.20, 0.63, 0.00
HSL	41°, 100%, 68%
HSV	41°, 63%, 100%
XYZ	64.6160, 64.7800, 19.6949
YIQ	206.1220, 65.9810, -22.8750

Conversions

Conversions Part 2

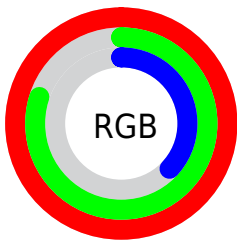
Format	Color
RYB	171, 255, 94
Decimal	16763742
CIELab	84.37, 7.02, 59.94
CIELCh	84, 60.353, 83.324
Yxy	64.7800, 0.4334, 0.4345
Android (android.graphics.Color)	4294953822 (0xFFFFCB5E)
YUV	206.1220, -55.2761, 42.8660
Hunter-Lab	80.4860, 2.4533, 41.8320

Details

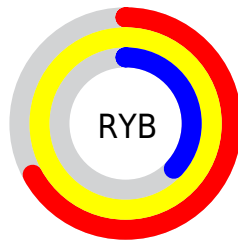
The Yxy color **64.7800, 0.4334, 0.4345** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **30.1650, 0.2036, 0.1864**, and the grayscale version is **62.1365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9181, 0.3756, 0.4329**, and **33.2435, 0.4579, 0.4527** is the 20% darker color. If you saturate the color by 10%, you get **60.6109, 0.4529, 0.4445**, and if you desaturate by 10%, it is **69.3132, 0.4126, 0.4209**.

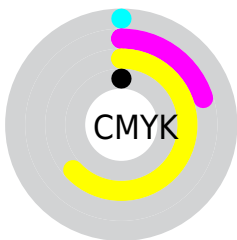
Distribution



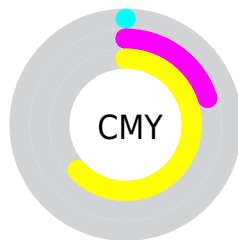
- Red (100%)
- Green (80%)
- Blue (37%)



- Red (67%)
- Yellow (100%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (63%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7800, 0.4334, 0.4345 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 64.7800, 0.4334, 0.4345 by changing the saturation by 10% instead.


 64.7800, 0.4334,
0.4345


 64.7800, 0.4334,
0.4345


442.0010, 0.3795,
0.3892


 47.2827, 0.4444,
0.4432


 111.7335, 0.4156,
0.4200

 33.2592, 0.4571,
0.4528


 141.9585, 0.4083,
0.4139

 22.3251, 0.4715,
0.4632


 177.1949, 0.4020,
0.4086

 14.0960, 0.4873,
0.4734

 217.8270, 0.3964,
0.4038

 8.1874, 0.5112,
0.4888

264.2393, 0.3914,
0.3996

 4.2151, 0.5169,
0.4831

316.8161, 0.3870,

 1.7946, 0.5264,

0.3957

0.4736

375.9419, 0.3830,
0.3923

■ 0.4838, 0.5661,
0.4339

■ 0.0000, 0.0000,
0.0000

■ 64.7800, 0.4334,
0.4345

■ 64.7800, 0.4334,
0.4345

■ 60.6109, 0.4529,
0.4445

■ 69.3132, 0.4126,
0.4209

■ 56.7778, 0.4701,
0.4497

■ 74.2176, 0.3916,
0.4047

■ 53.2616, 0.4842,
0.4499

■ 79.5114, 0.3711,
0.3872

■ 51.0071, 0.4922,
0.4474

■ 85.2083, 0.3518,
0.3692

91.3212, 0.3338,
0.3513

97.8623, 0.3175,
0.3342

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



64.7800, 0.4621, 0.3824



64.7800, 0.4334, 0.4345



64.7800, 0.3739, 0.4665

Triad

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



64.7800, 0.4334, 0.4345



64.7800, 0.1947, 0.3091



64.7800, 0.3091, 0.2366

Complementary

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



64.7800, 0.4334, 0.4345



30.1650, 0.2036, 0.1864

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.



64.7800, 0.2416, 0.2163



64.7800, 0.4334, 0.4345



64.7800, 0.1824, 0.2491

Square

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



64.7800, 0.4334, 0.4345



64.7800, 0.2365, 0.3892



64.7800, 0.1984, 0.2192



64.7800, 0.3865, 0.2755

Rectangle

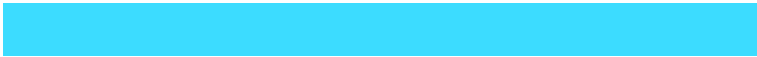
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7800, 0.4334, 0.4345



64.7800, 0.3261, 0.4640



64.7800, 0.1984, 0.2192



64.7800, 0.2844, 0.2275

Sweetspot

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



64.7831, 0.4334, 0.4345



87.6822, 0.3442, 0.3618



31.3985, 0.4465, 0.2773



18.3993, 0.3494, 0.3669



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.



64.7831, 0.4334, 0.4345



59.4774, 0.4581, 0.4465



88.8465, 0.3821, 0.4862



20.0435, 0.3277, 0.3450



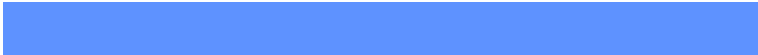
26.9363, 0.4907, 0.4486



2.8211, 0.4805, 0.4567

Inverse Universe

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



30.1650, 0.2036, 0.1864



22.5819, 0.1845, 0.1533



19.2858, 0.2050, 0.1321



18.3355, 0.2979, 0.3124



7.1928, 0.1625, 0.1049



0.8887, 0.1687, 0.1271

Previews

White Background



This preview shows how the Yxy color 64.7800, 0.4334, 0.4345 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 64.7800, 0.4334, 0.4345 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 64.7800, 0.4334, 0.4345

Background



This preview shows how black text looks on a background with the Yxy color 64.7800, 0.4334, 0.4345.



This preview shows how white text looks on a background with the Yxy color 64.7800, 0.4334, 0.4345.

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

64.7800, 0.4334, 0.4345

Protanopia

64.9255, 0.4100, 0.4486

Deuteranopia

64.8091, 0.4190, 0.4138



Tritanopia

64.7952, 0.3521, 0.3168

Trichromacy



Original Color

64.7800, 0.4334, 0.4345

Protanomaly

64.8152, 0.4190, 0.4434

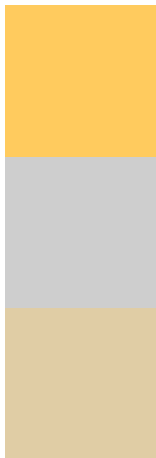
Deuteranomaly

64.6052, 0.4250, 0.4216

Tritanomaly

64.4013, 0.3846, 0.3626

Monochromacy



Original Color

64.7800, 0.4334, 0.4345

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2265, 0.3575, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7800, 0.4334, 0.4345 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, 203, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 94)  
}
```

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, 203, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 94) }
```

Border

The CSS property to change the border of an element to Yxy 64.7800, 0.4334, 0.4345 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, 203, 94) }
```

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

```
.border{ border-color:rgb(255, 203, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7800, 0.4334, 0.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 94) }
```

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

```
.background{ background-color: rgb(255,  
203, 94) }
```

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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