

Converting Colors

$Yxy(63.3447, 0.4229, 0.4136)$

Have a look what the booklet for
Yxy(63.3447, 0.4229, 0.4136)
contains.

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Color

Yxy(63.3447, 0.4229, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	FFC773
RGB	255, 199, 115
RGB Percent	100%, 78%, 45%
CMY	0.0000, 0.2196, 0.5489
CMYK	0.00, 0.22, 0.55, 0.00
HSL	36°, 100%, 73%
HSV	36°, 55%, 100%
XYZ	64.7690, 63.3447, 25.0408
YIQ	206.1680, 60.3400, -14.2520

Conversions

Conversions Part 2

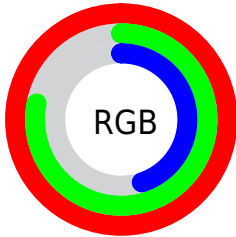
Format	Color
R _Y B	208, 255, 115
Decimal	16762739
CIE Lab	83.62, 10.58, 49.23
CIE LCh	84, 50.354, 77.868
Yxy	63.3447, 0.4229, 0.4136
Android (android.graphics.Color)	4294952819 (0xFFFFC773)
YUV	206.1680, -44.9458, 42.8257
Hunter-Lab	79.5894, 5.9801, 37.0585

Details

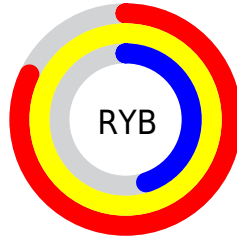
The Yxy color **63.3447, 0.4229, 0.4136** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.0072, 0.2206, 0.2223**, and the grayscale version is **62.0968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **32.2231, 0.4469, 0.4292** is the 20% darker color. If you saturate the color by 10%, you get **58.2937, 0.4465, 0.4252**, and if you desaturate by 10%, it is **68.8655, 0.3994, 0.3994**.

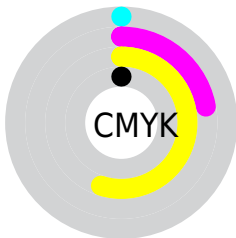
Distribution



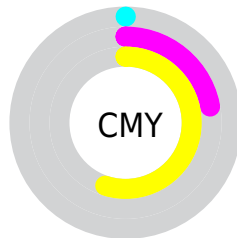
- Red (100%)
- Green (78%)
- Blue (45%)



- Red (82%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3447, 0.4229, 0.4136 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 63.3447, 0.4229, 0.4136 by changing the saturation by 10% instead.


 63.3447, 0.4229,
0.4136


 63.3447, 0.4229,
0.4136


436.8194, 0.3721,
0.3766


 46.1201, 0.4340,
0.4210


 109.6667, 0.4056,
0.4015

 32.3406, 0.4471,
0.4295


 139.5328, 0.3987,
0.3966

 21.6218, 0.4629,
0.4390


 174.3817, 0.3928,
0.3922

 13.5793, 0.4817,
0.4491

214.5975, 0.3876,
0.3884

 7.8286, 0.5047,
0.4594

260.5648, 0.3830,
0.3849

 3.9855, 0.5323,
0.4677

312.6680, 0.3789,

 1.6654, 0.5469,

0.3819

0.4531

371.2914, 0.3753,
0.3791

0.4011, 0.6146,
0.3854

0.0000, 0.0000,
0.0000

63.3447, 0.4229,
0.4136

63.3447, 0.4229,
0.4136

58.2937, 0.4465,
0.4252

68.8655, 0.3994,
0.3994

53.7038, 0.4692,
0.4329

74.8854, 0.3770,
0.3838

49.5489, 0.4895,
0.4357

81.4174, 0.3562,
0.3676

45.8027, 0.5065,
0.4330

88.4773, 0.3373,
0.3516

44.0299, 0.5140,
0.4301

96.0799, 0.3203,
0.3362

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.



63.3447, 0.4394, 0.3684



63.3447, 0.4229, 0.4136



63.3447, 0.3768, 0.4426

Triad

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



63.3447, 0.4229, 0.4136



63.3447, 0.2166, 0.3251



63.3447, 0.2987, 0.2447

Complementary

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



63.3447, 0.4229, 0.4136



40.0072, 0.2206, 0.2223

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.



63.3447, 0.2438, 0.2307



63.3447, 0.4229, 0.4136



63.3447, 0.2005, 0.2697

Square

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



63.3447, 0.4229, 0.4136



63.3447, 0.2577, 0.3907



63.3447, 0.2099, 0.2380



63.3447, 0.3637, 0.2763

Rectangle

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



63.3447, 0.4229, 0.4136



63.3447, 0.3370, 0.4437



63.3447, 0.2099, 0.2380



63.3447, 0.2785, 0.2379

Sweetspot

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



63.3410, 0.4229, 0.4136



87.6675, 0.3393, 0.3534



36.5588, 0.4059, 0.2700



18.4466, 0.3431, 0.3567



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.



63.3410, 0.4229, 0.4136



57.7623, 0.4491, 0.4262



91.8730, 0.3840, 0.4646



19.7996, 0.3279, 0.3432



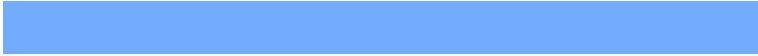
23.3068, 0.5120, 0.4316



2.4833, 0.4986, 0.4423

Inverse Universe

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



40.0072, 0.2206, 0.2223



32.3580, 0.2032, 0.1962



23.9766, 0.2131, 0.1553



18.5706, 0.2979, 0.3143



9.0146, 0.1683, 0.1259



1.0846, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 63.3447, 0.4229, 0.4136 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 63.3447, 0.4229, 0.4136 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 63.3447, 0.4229, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 63.3447, 0.4229, 0.4136.



This preview shows how white text looks on a background with the Yxy color 63.3447, 0.4229, 0.4136.

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

63.3447, 0.4229, 0.4136

Protanopia

63.5669, 0.3937, 0.4287

Deuteranopia

63.3447, 0.4229, 0.4136



Tritanopia

63.3189, 0.3551, 0.3167

Trichromacy



Original Color

63.3447, 0.4229, 0.4136

Protanomaly

63.1241, 0.4040, 0.4229

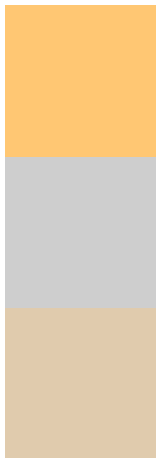
Deuteranomaly

63.3447, 0.4229, 0.4136

Tritanomaly

63.2688, 0.3808, 0.3532

Monochromacy



Original Color

63.3447, 0.4229, 0.4136

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5763, 0.3519, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3447, 0.4229, 0.4136 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, 199, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 115)  
}
```

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, 199, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 115) }
```

Border

The CSS property to change the border of an element to Yxy 63.3447, 0.4229, 0.4136 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, 199, 115) }
```

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

```
.border{ border-color:rgb(255, 199, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3447, 0.4229, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 115) }
```

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

```
.background{ background-color: rgb(255,  
199, 115) }
```

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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