

# Converting Colors

Yxy(61.0814, 0.4260, 0.4089)

Have a look what the booklet for  
Yxy(61.0814, 0.4260, 0.4089)  
contains.

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# Color

**Yxy(61.0814, 0.4260, 0.4089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC273
RGB	255, 194, 115
RGB Percent	100%, 76%, 45%
CMY	0.0000, 0.2392, 0.5489
CMYK	0.00, 0.24, 0.55, 0.00
HSL	34°, 100%, 73%
HSV	34°, 55%, 100%
XYZ	63.6358, 61.0814, 24.6626
YIQ	203.2330, 61.7150, -11.6370

# Conversions

## Conversions Part 2

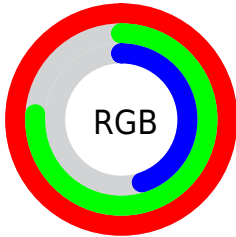
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 255, 115
Decimal	16761459
CIE <sub>Lab</sub>	82.42, 13.18, 47.78
CIE <sub>LCh</sub>	82, 49.563, 74.581
Yxy	61.0814, 0.4260, 0.4089
Android (android.graphics.Color)	4294951539 (0xFFFC273)
YUV	203.2330, -43.4989, 45.3997
Hunter-Lab	78.1546, 8.5695, 35.9986

# Details

The Yxy color **61.0814, 0.4260, 0.4089** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.9302, 0.2220, 0.2289**, and the grayscale version is **60.1228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4584, 0.3658, 0.4100**, and **30.7284, 0.4520, 0.4233** is the 20% darker color. If you saturate the color by 10%, you get **55.8069, 0.4511, 0.4197**, and if you desaturate by 10%, it is **66.8827, 0.4014, 0.3955**.

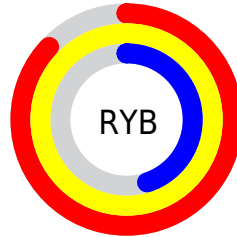
# Distribution



Red (100%)

Green (76%)

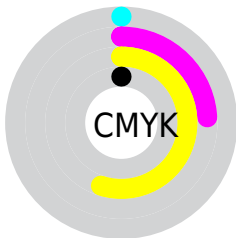
Blue (45%)



Red (87%)

Yellow (100%)

Blue (45%)

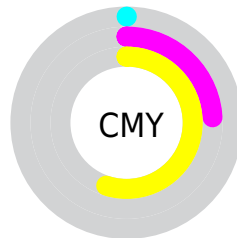


Cyan (0%)

Magenta (24%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0814, 0.4260, 0.4089 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 61.0814, 0.4260, 0.4089 by changing the saturation by 10% instead.




 61.0814, 0.4260,  
0.4089

 61.0814, 0.4260,  
0.4089


428.5724, 0.3732,  
0.3741


 44.2909, 0.4376,  
0.4158


 106.3968, 0.4079,  
0.3976

 30.8992, 0.4516,  
0.4237


 135.6904, 0.4008,  
0.3929

 20.5221, 0.4685,  
0.4323


 169.9206, 0.3946,  
0.3888

 12.7752, 0.4888,  
0.4413

209.4716, 0.3892,  
0.3852

 7.2739, 0.5144,  
0.4504

254.7279, 0.3845,  
0.3820

 3.6340, 0.5446,  
0.4554

306.0739, 0.3803,

 1.4710, 0.5636,

0.3791

0.4364

363.8939, 0.3765,  
0.3765

0.2682, 0.6825,  
0.3175

0.0000, 0.0000,  
0.0000

61.0814, 0.4260,  
0.4089

61.0814, 0.4260,  
0.4089

55.8069, 0.4511,  
0.4197

66.8827, 0.4014,  
0.3955

51.0458, 0.4754,  
0.4267

73.2390, 0.3781,  
0.3807

46.7710, 0.4976,  
0.4287

80.1663, 0.3568,  
0.3654

42.9540, 0.5162,  
0.4252

87.6819, 0.3375,  
0.3503

41.1638, 0.5245,  
0.4217

95.8024, 0.3204,  
0.3358

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.



61.0814, 0.4385, 0.3630



61.0814, 0.4260, 0.4089



61.0814, 0.3827, 0.4403

# Triad

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



61.0814, 0.4260, 0.4089



61.0814, 0.2203, 0.3322



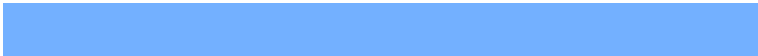
61.0814, 0.2920, 0.2425

# Complementary

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



61.0814, 0.4260, 0.4089



41.9302, 0.2220, 0.2289

# 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.



61.0814, 0.2392, 0.2307



61.0814, 0.4260, 0.4089



61.0814, 0.2013, 0.2749

# Square

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



61.0814, 0.4260, 0.4089



61.0814, 0.2637, 0.3971



61.0814, 0.2080, 0.2406



61.0814, 0.3565, 0.2723



# Rectangle

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



61.0814, 0.4260, 0.4089



61.0814, 0.3437, 0.4443



61.0814, 0.2080, 0.2406



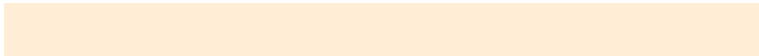
61.0814, 0.2724, 0.2364

# Sweetspot

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



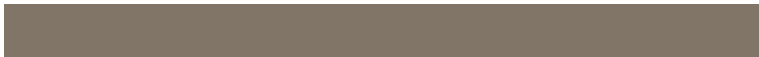
61.0786, 0.4260, 0.4089



86.8196, 0.3395, 0.3520



36.7422, 0.4002, 0.2654



18.2443, 0.3434, 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.



61.0786, 0.4260, 0.4089



55.2546, 0.4538, 0.4207



92.7151, 0.3872, 0.4628



19.6876, 0.3280, 0.3424



21.8116, 0.5223, 0.4235



2.3412, 0.5073, 0.4354



# Inverse Universe

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



41.9302, 0.2220, 0.2289



34.3919, 0.2051, 0.2043



23.6267, 0.2101, 0.1541



18.6802, 0.2979, 0.3152



10.0137, 0.1713, 0.1367



1.1877, 0.1774, 0.1586



# Previews

## White Background



This preview shows how the Yxy color 61.0814, 0.4260, 0.4089 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

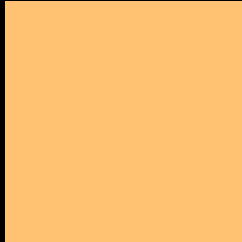
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0814, 0.4260, 0.4089 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 61.0814, 0.4260, 0.4089**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0814, 0.4260, 0.4089.



This preview shows how white text looks on a background with the Yxy color 61.0814, 0.4260, 0.4089.

# 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

61.0814, 0.4260, 0.4089

### Protanopia

61.0021, 0.3918, 0.4252

### Deuteranopia

61.2269, 0.4214, 0.4121



## Tritanopia

60.9242, 0.3603, 0.3167

# Trichromacy



## Original Color

61.0814, 0.4260, 0.4089

## Protanomaly

60.9142, 0.4039, 0.4188

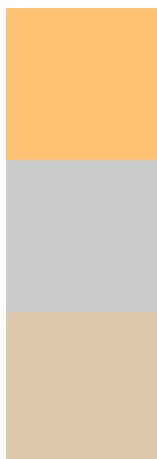
## Deuteranomaly

60.9635, 0.4229, 0.4108

## Tritanomaly

60.9141, 0.3858, 0.3523

# Monochromacy



## Original Color

61.0814, 0.4260, 0.4089

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

59.7784, 0.3525, 0.3625

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0814, 0.4260, 0.4089 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, 194, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 115) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0814, 0.4260, 0.4089 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, 194, 115) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
115) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0814, 0.4260, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 115) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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