

Converting Colors

Yxy(59.6094, 0.4367, 0.4175)

Have a look what the booklet for
Yxy(59.6094, 0.4367, 0.4175)
contains.

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Color

Yxy(59.4809, 0.4369, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF66
RGB	255, 191, 102
RGB Percent	100%, 75%, 40%
CMY	0.0001, 0.2509, 0.6001
CMYK	0.00, 0.25, 0.60, 0.00
HSL	35°, 100%, 70%
HSV	35°, 60%, 100%
XYZ	62.2597, 59.4809, 20.7627
YIQ	199.9900, 66.7130, -14.1110

Conversions

Conversions Part 2

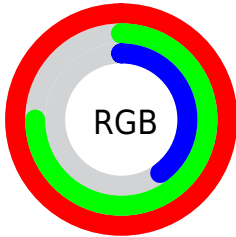
Format	Color
R _Y B	212, 255, 102
Decimal	16760678
CIE Lab	81.56, 13.74, 53.08
CIE LCh	82, 54.831, 75.488
Yxy	59.4809, 0.4369, 0.4174
Android (android.graphics.Color)	4294950758 (0xFFFFBF66)
YUV	199.9900, -48.3091, 48.2438
Hunter-Lab	77.1239, 9.1308, 38.0251

Details

The Yxy color **59.4809, 0.4369, 0.4174** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.2858, 0.2132, 0.2140**, and the grayscale version is **58.0243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1481, 0.3745, 0.4198**, and **30.0093, 0.4643, 0.4331** is the 20% darker color. If you saturate the color by 10%, you get **54.5723, 0.4610, 0.4268**, and if you desaturate by 10%, it is **64.8890, 0.4126, 0.4048**.

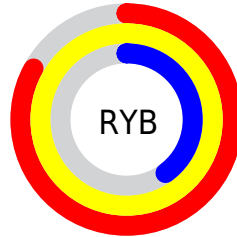
Distribution



Red (100%)

Green (75%)

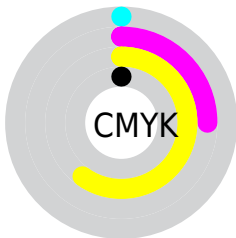
Blue (40%)



Red (83%)

Yellow (100%)

Blue (40%)

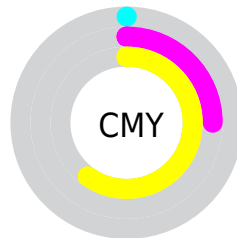


Cyan (0%)

Magenta (25%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4809, 0.4369, 0.4174 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 59.4809, 0.4369, 0.4174 by changing the saturation by 10% instead.


 59.4809, 0.4369,
0.4174


 59.4809, 0.4369,
0.4174


422.6817, 0.3793,
0.3794

 43.0004, 0.4493,
0.4247


 104.0763, 0.4173,
0.4052


 29.8854, 0.4640,
0.4327


 132.9599, 0.4096,
0.4002

 19.7516, 0.4815,
0.4411


 166.7467, 0.4028,
0.3957

 12.2146, 0.5017,
0.4491

 205.8210, 0.3969,
0.3917

 6.8900, 0.5326,
0.4612

250.5673, 0.3918,
0.3881

 3.3934, 0.5483,
0.4517

301.3699, 0.3871,

 1.3404, 0.5690,

0.3849

0.4310

358.6133, 0.3830,
0.3820

0.1722, 0.7435,
0.2565

0.0000, 0.0000,
0.0000

59.4809, 0.4369,
0.4174

59.4809, 0.4369,
0.4174

54.5723, 0.4610,
0.4268

64.8890, 0.4126,
0.4048

50.1327, 0.4835,
0.4317

70.8079, 0.3890,
0.3902

46.1399, 0.5031,
0.4313

77.2586, 0.3670,
0.3746

42.5590, 0.5192,
0.4259

84.2583, 0.3469,
0.3589

 91.8232, 0.3288,
0.3436

99.9683, 0.3127,
0.3290

99.9942, 0.3127,
0.3290

Harmonies

Analogous

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



59.4809, 0.4530, 0.3666



59.4809, 0.4369, 0.4174



59.4809, 0.3874, 0.4533

Triad

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



59.4809, 0.4369, 0.4174



59.4809, 0.2094, 0.3296



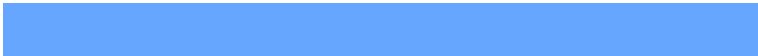
59.4809, 0.2913, 0.2347

Complementary

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



59.4809, 0.4369, 0.4174



37.2858, 0.2132, 0.2140

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.



59.4809, 0.2328, 0.2210



59.4809, 0.4369, 0.4174



59.4809, 0.1900, 0.2666

Square

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



59.4809, 0.4369, 0.4174



59.4809, 0.2559, 0.4037



59.4809, 0.1982, 0.2304



59.4809, 0.3634, 0.2677

Rectangle

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



59.4809, 0.4369, 0.4174



59.4809, 0.3440, 0.4583



59.4809, 0.1982, 0.2304



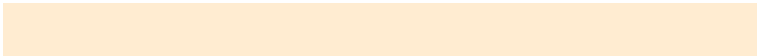
59.4809, 0.2695, 0.2278

Sweetspot

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



59.4838, 0.4369, 0.4174



85.7528, 0.3431, 0.3558



33.5893, 0.4162, 0.2634



17.8991, 0.3486, 0.3603



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.



59.4838, 0.4369, 0.4174



53.6642, 0.4656, 0.4282



91.8302, 0.3906, 0.4737



19.7436, 0.3280, 0.3428



22.5459, 0.5171, 0.4276



2.4112, 0.5029, 0.4389

Inverse Universe

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



37.2858, 0.2132, 0.2140



29.7987, 0.1958, 0.1865



20.1721, 0.2012, 0.1376



18.6253, 0.2979, 0.3148



9.5009, 0.1698, 0.1312



1.1351, 0.1759, 0.1534

Previews

White Background



This preview shows how the Yxy color 59.4809, 0.4369, 0.4174 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 59.4809, 0.4369, 0.4174 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 59.4809, 0.4369, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 59.4809, 0.4369, 0.4174.



This preview shows how white text looks on a background with the Yxy color 59.4809, 0.4369, 0.4174.

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

59.4809, 0.4369, 0.4174

Protanopia

59.5998, 0.4006, 0.4365

Deuteranopia

59.4035, 0.4321, 0.4218



Tritanopia

59.5265, 0.3636, 0.3167

Trichromacy



Original Color

59.4809, 0.4369, 0.4174

Protanomaly

59.5289, 0.4129, 0.4295

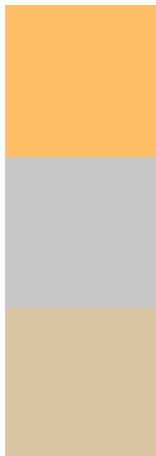
Deuteranomaly

59.3343, 0.4344, 0.4202

Tritanomaly

59.4093, 0.3921, 0.3555

Monochromacy



Original Color

59.4809, 0.4369, 0.4174

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8285, 0.3571, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4809, 0.4369, 0.4174 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, 191, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 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, 191, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 102) }
```

Border

The CSS property to change the border of an element to Yxy 59.4809, 0.4369, 0.4174 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, 191, 102) }
```

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

```
.border{ border-color:rgb(255, 191, 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, 191, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4809, 0.4369, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 102) }
```

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

```
.background{ background-color: rgb(255,  
191, 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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