

Converting Colors

$Yxy(59.5594, 0.4375, 0.4185)$

Have a look what the booklet for
Yxy(59.5594, 0.4375, 0.4185)
contains.

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Color

Yxy(59.4612, 0.4376, 0.4182)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF65
RGB	255, 191, 101
RGB Percent	100%, 75%, 40%
CMY	0.0000, 0.2510, 0.6040
CMYK	0.00, 0.25, 0.60, 0.00
HSL	35°, 100%, 70%
HSV	35°, 60%, 100%
XYZ	62.2196, 59.4612, 20.5029
YIQ	199.8760, 67.0340, -14.4220

Conversions

Conversions Part 2

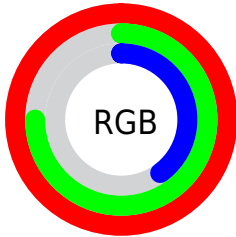
Format	Color
R _Y B	211, 255, 101
Decimal	16760677
CIE Lab	81.54, 13.69, 53.55
CIE LCh	82, 55.269, 75.656
Yxy	59.4612, 0.4376, 0.4182
Android (android.graphics.Color)	4294950757 (0xFFFFBF65)
YUV	199.8760, -48.7459, 48.3437
Hunter-Lab	77.1111, 9.0841, 38.2133

Details

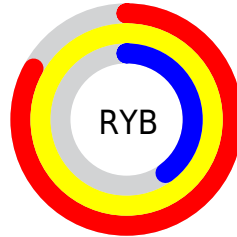
The Yxy color **59.4612, 0.4376, 0.4182** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.8844, 0.2124, 0.2126**, and the grayscale version is **57.9534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1146, 0.3751, 0.4207**, and **30.0008, 0.4649, 0.4338** is the 20% darker color. If you saturate the color by 10%, you get **54.5837, 0.4615, 0.4275**, and if you desaturate by 10%, it is **64.8329, 0.4133, 0.4056**.

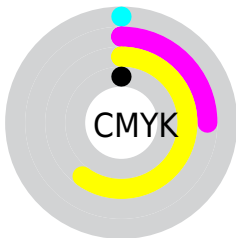
Distribution



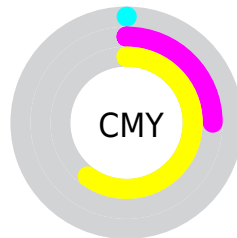
- Red (100%)
- Green (75%)
- Blue (40%)



- 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 59.4612, 0.4376, 0.4182 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 59.4612, 0.4376, 0.4182 by changing the saturation by 10% instead.

 59.4612, 0.4376,
0.4182


 59.4612, 0.4376,
0.4182

422.6089, 0.3798,
0.3799

 42.9845, 0.4501,
0.4255

 104.0477, 0.4180,
0.4059


 29.8730, 0.4648,
0.4335


 132.9262, 0.4102,
0.4009

 19.7422, 0.4822,
0.4420


 166.7075, 0.4034,
0.3963

 12.2078, 0.5024,
0.4499

 205.7760, 0.3975,
0.3923

 6.8853, 0.5336,
0.4624

250.5159, 0.3923,
0.3887

 3.3905, 0.5481,
0.4519

301.3118, 0.3876,

 1.3388, 0.5687,

0.3855

0.4313

358.5480, 0.3835,
0.3826

0.1710, 0.7439,
0.2561

0.0000, 0.0000,
0.0000

59.4612, 0.4376,
0.4182

59.4612, 0.4376,
0.4182

54.5837, 0.4615,
0.4275

64.8329, 0.4133,
0.4056

50.1711, 0.4838,
0.4323

70.7112, 0.3898,
0.3910

46.2009, 0.5032,
0.4317

77.1169, 0.3678,
0.3754

42.7719, 0.5185,
0.4265

84.0668, 0.3476,
0.3596

91.5772, 0.3295,
0.3442

99.6630, 0.3133,
0.3296

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.



59.4612, 0.4541, 0.3670



59.4612, 0.4376, 0.4182



59.4612, 0.3876, 0.4544

Triad

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



59.4612, 0.4376, 0.4182



59.4612, 0.2084, 0.3291



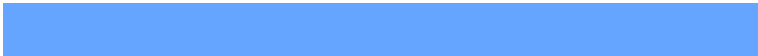
59.4612, 0.2915, 0.2342

Complementary

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



59.4612, 0.4376, 0.4182



36.8844, 0.2124, 0.2126

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.



59.4612, 0.2325, 0.2203



59.4612, 0.4376, 0.4182



59.4612, 0.1892, 0.2658

Square

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



59.4612, 0.4376, 0.4182



59.4612, 0.2551, 0.4039



59.4612, 0.1976, 0.2296



59.4612, 0.3642, 0.2675

Rectangle

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



59.4612, 0.4376, 0.4182



59.4612, 0.3437, 0.4593



59.4612, 0.1976, 0.2296



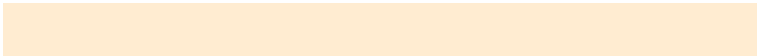
59.4612, 0.2695, 0.2272

Sweetspot

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



59.4636, 0.4376, 0.4182



85.8188, 0.3431, 0.3559



33.2848, 0.4206, 0.2656



17.9153, 0.3486, 0.3604



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.



59.4636, 0.4376, 0.4182



53.8476, 0.4652, 0.4286



91.3655, 0.3892, 0.4755



19.7515, 0.3280, 0.3429



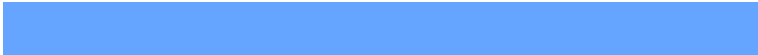
22.6509, 0.5164, 0.4282



2.4212, 0.5023, 0.4394

Inverse Universe

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



36.8844, 0.2124, 0.2126



29.6547, 0.1957, 0.1859



20.0874, 0.2020, 0.1370



18.6176, 0.2979, 0.3147



9.4311, 0.1696, 0.1304



1.1279, 0.1757, 0.1526

Previews

White Background



This preview shows how the Yxy color 59.4612, 0.4376, 0.4182 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 59.4612, 0.4376, 0.4182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

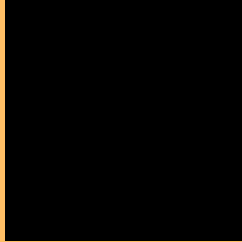
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4612, 0.4376, 0.4182

Background



This preview shows how black text looks on a background with the Yxy color 59.4612, 0.4376, 0.4182.



This preview shows how white text looks on a background with the Yxy color 59.4612, 0.4376, 0.4182.

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

59.4612, 0.4376, 0.4182

Protanopia

59.5791, 0.4012, 0.4374

Deuteranopia

59.3840, 0.4327, 0.4227



Tritanopia

59.4811, 0.3644, 0.3177

Trichromacy



Original Color

59.4612, 0.4376, 0.4182

Protanomaly

59.5085, 0.4136, 0.4304

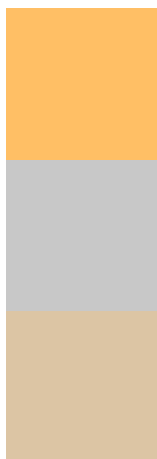
Deuteranomaly

59.3148, 0.4351, 0.4210

Tritanomaly

59.3739, 0.3929, 0.3565

Monochromacy



Original Color

59.4612, 0.4376, 0.4182

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 59.4612, 0.4376, 0.4182 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 101) }
```

Border

The CSS property to change the border of an element to Yxy 59.4612, 0.4376, 0.4182 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, 101) }
```

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

```
.border{ border-color:rgb(255, 191, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4612, 0.4376, 0.4182 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, 101) }
```

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

```
.background{ background-color: rgb(255,  
191, 101) }
```

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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