

Converting Colors

$Yxy(60.7412, 0.4349, 0.4200)$

Have a look what the booklet for
Yxy(60.7412, 0.4349, 0.4200)
contains.

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Color

Yxy(60.8029, 0.4348, 0.4201)

Conversions

Conversions Part 1

Format	Color
Hex	FFC266
RGB	255, 194, 102
RGB Percent	100%, 76%, 40%
CMY	0.0000, 0.2392, 0.5998
CMYK	0.00, 0.24, 0.60, 0.00
HSL	36°, 100%, 70%
HSV	36°, 60%, 100%
XYZ	62.9305, 60.8029, 21.0010
YIQ	201.7510, 65.8880, -15.6800

Conversions

Conversions Part 2

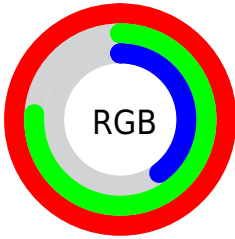
Format	Color
R _Y B	203, 255, 102
Decimal	16761446
CIE Lab	82.27, 12.20, 53.88
CIE LCh	82, 55.245, 77.241
Yxy	60.8029, 0.4348, 0.4201
Android (android.graphics.Color)	4294951526 (0xFFFC266)
YUV	201.7510, -49.1772, 46.6994
Hunter-Lab	77.9762, 7.5996, 38.6151

Details

The Yxy color **60.8029, 0.4348, 0.4201** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.2535, 0.2123, 0.2101**, and the grayscale version is **59.1850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9978, 0.3734, 0.4224**, and **30.8821, 0.4609, 0.4365** is the 20% darker color. If you saturate the color by 10%, you get **56.0026, 0.4580, 0.4299**, and if you desaturate by 10%, it is **66.0744, 0.4112, 0.4071**.

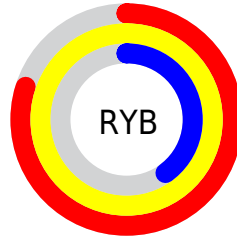
Distribution



Red (100%)

Green (76%)

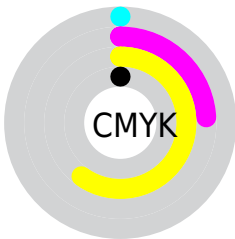
Blue (40%)



Red (80%)

Yellow (100%)

Blue (40%)

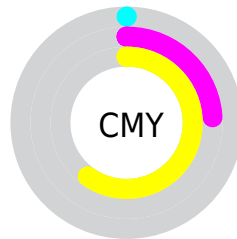


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8029, 0.4348, 0.4201 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 60.8029, 0.4348, 0.4201 by changing the saturation by 10% instead.


 60.8029, 0.4348,
0.4201


 60.8029, 0.4348,
0.4201


427.5509, 0.3786,
0.3809


 44.0661, 0.4468,
0.4276


 105.9935, 0.4158,
0.4075

 30.7225, 0.4610,
0.4360


 135.2161, 0.4082,
0.4023

 20.3876, 0.4778,
0.4450


 169.3694, 0.4016,
0.3976

 12.6771, 0.4971,
0.4536

 208.8379, 0.3959,
0.3935

 7.2066, 0.5258,
0.4663

254.0059, 0.3908,
0.3898

 3.5916, 0.5407,
0.4593

305.2578, 0.3862,

 1.4479, 0.5586,

0.3865

0.4414

362.9780, 0.3822,
0.3836

0.2516, 0.6810,
0.3190

0.0000, 0.0000,
0.0000

60.8029, 0.4348,
0.4201

60.8029, 0.4348,
0.4201

56.0026, 0.4580,
0.4299

66.0744, 0.4112,
0.4071

51.6437, 0.4796,
0.4352

71.8271, 0.3882,
0.3920

47.7051, 0.4983,
0.4353

78.0813, 0.3666,
0.3760

44.1516, 0.5136,
0.4304

84.8533, 0.3467,
0.3598

■ 44.1452, 0.5136,
0.4304

■ 92.1582, 0.3287,
0.3440

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



60.8029, 0.4532, 0.3697



60.8029, 0.4348, 0.4201



60.8029, 0.3838, 0.4546

Triad

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



60.8029, 0.4348, 0.4201



60.8029, 0.2075, 0.3253



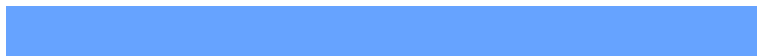
60.8029, 0.2953, 0.2362

Complementary

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



60.8029, 0.4348, 0.4201



36.2535, 0.2123, 0.2101

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.



60.8029, 0.2356, 0.2212



60.8029, 0.4348, 0.4201



60.8029, 0.1898, 0.2637

Square

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



60.8029, 0.4348, 0.4201



60.8029, 0.2526, 0.3997



60.8029, 0.1995, 0.2292



60.8029, 0.3676, 0.2701

Rectangle

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



60.8029, 0.4348, 0.4201



60.8029, 0.3400, 0.4577



60.8029, 0.1995, 0.2292



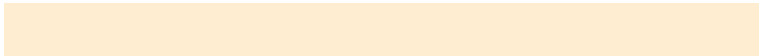
60.8029, 0.2732, 0.2289

Sweetspot

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



60.8059, 0.4348, 0.4201



86.2618, 0.3430, 0.3566



33.4232, 0.4228, 0.2685



18.0236, 0.3484, 0.3613



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.



60.8059, 0.4348, 0.4201



55.0901, 0.4626, 0.4314



90.9496, 0.3870, 0.4757



19.8040, 0.3279, 0.3433



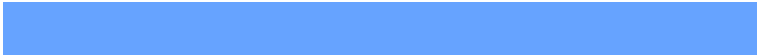
23.3679, 0.5116, 0.4320



2.4890, 0.4982, 0.4426

Inverse Universe

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



36.2535, 0.2123, 0.2101



28.7065, 0.1946, 0.1817



20.5370, 0.2044, 0.1390



18.5663, 0.2979, 0.3143



8.9774, 0.1682, 0.1255



1.0807, 0.1744, 0.1478

Previews

White Background



This preview shows how the Yxy color 60.8029, 0.4348, 0.4201 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 60.8029, 0.4348, 0.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

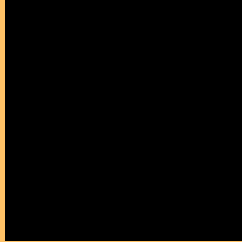
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8029, 0.4348, 0.4201

Background



This preview shows how black text looks on a background with the Yxy color 60.8029, 0.4348, 0.4201.



This preview shows how white text looks on a background with the Yxy color 60.8029, 0.4348, 0.4201.

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

60.8029, 0.4348, 0.4201

Protanopia

60.8720, 0.4011, 0.4376

Deuteranopia

60.6850, 0.4317, 0.4221



Tritanopia

60.8779, 0.3612, 0.3177

Trichromacy



Original Color

60.8029, 0.4348, 0.4201

Protanomaly

60.7977, 0.4134, 0.4306

Deuteranomaly

60.8722, 0.4325, 0.4218

Tritanomaly

60.7313, 0.3901, 0.3575

Monochromacy



Original Color

60.8029, 0.4348, 0.4201

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9722, 0.3558, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8029, 0.4348, 0.4201 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 102) }
```

Border

The CSS property to change the border of an element to Yxy 60.8029, 0.4348, 0.4201 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, 102) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8029, 0.4348, 0.4201 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, 102) }
```

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

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