

Converting Colors

$Y_{xy}(64.0460, 0.4458, 0.4059)$

Have a look what the booklet for
Yxy(64.0460, 0.4458, 0.4059)
contains.

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Color

Yxy(60.0851, 0.4308, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	FFC06E
RGB	255, 192, 110
RGB Percent	100%, 75%, 43%
CMY	0.0000, 0.2470, 0.5687
CMYK	0.00, 0.25, 0.57, 0.00
HSL	34°, 100%, 72%
HSV	34°, 57%, 100%
XYZ	62.9032, 60.0851, 23.0265
YIQ	201.4890, 63.8700, -12.1460

Conversions

Conversions Part 2

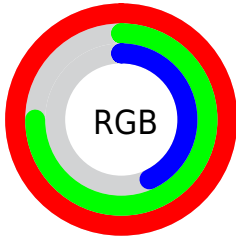
Format	Color
R_{YB}	221, 255, 110
Decimal	16760942
CIE _{Lab}	81.88, 13.81, 49.61
CIE _{LCh}	82, 51.496, 74.442
Yxy	60.0851, 0.4308, 0.4115
Android (android.graphics.Color)	4294951022 (0xFFFFC06E)
YUV	201.4890, -45.1041, 46.9291
Hunter-Lab	77.5146, 9.2025, 36.6475

Details

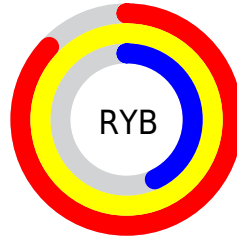
The Yxy color **60.0851, 0.4308, 0.4115** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.4084, 0.2188, 0.2243**, and the grayscale version is **58.9845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0391, 0.3694, 0.4131**, and **30.3831, 0.4569, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **54.9276, 0.4558, 0.4217**, and if you desaturate by 10%, it is **65.7742, 0.4061, 0.3985**.

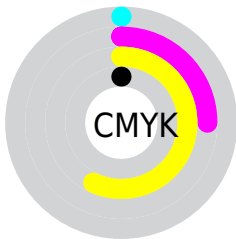
Distribution



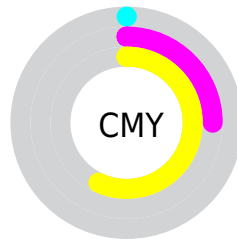
- Red (100%)
- Green (75%)
- Blue (43%)



- Red (87%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0851, 0.4308, 0.4115 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 60.0851, 0.4308, 0.4115 by changing the saturation by 10% instead.


 60.0851, 0.4308,
0.4115


 60.0851, 0.4308,
0.4115


424.9114, 0.3757,
0.3758


 43.4872, 0.4429,
0.4185


 104.9531, 0.4120,
0.3999

 30.2676, 0.4573,
0.4263


 133.9920, 0.4045,
0.3952

 20.0418, 0.4746,
0.4348


 167.9468, 0.3981,
0.3910

 12.4254, 0.4953,
0.4433

 207.2017, 0.3925,
0.3872

 7.0341, 0.5229,
0.4530

252.1412, 0.3875,
0.3839

 3.4834, 0.5480,
0.4520

303.1498, 0.3832,

 1.3890, 0.5685,

0.3809

0.4315

360.6117, 0.3792,
0.3782

0.2086, 0.7196,
0.2804

0.0000, 0.0000,
0.0000

60.0851, 0.4308,
0.4115

60.0851, 0.4308,
0.4115

54.9276, 0.4558,
0.4217

65.7742, 0.4061,
0.3985

50.2709, 0.4797,
0.4278

72.0065, 0.3825,
0.3839

46.0930, 0.5012,
0.4288

78.8036, 0.3608,
0.3686

42.3644, 0.5190,
0.4242

86.1831, 0.3411,
0.3533

41.2790, 0.5241,
0.4221

94.1616, 0.3236,
0.3386

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.



60.0851, 0.4440, 0.3636



60.0851, 0.4308, 0.4115



60.0851, 0.3855, 0.4450

Triad

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



60.0851, 0.4308, 0.4115



60.0851, 0.2166, 0.3324



60.0851, 0.2906, 0.2391

Complementary

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



60.0851, 0.4308, 0.4115



40.4084, 0.2188, 0.2243

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.



60.0851, 0.2360, 0.2269



60.0851, 0.4308, 0.4115



60.0851, 0.1970, 0.2725

Square

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



60.0851, 0.4308, 0.4115



60.0851, 0.2617, 0.4007



60.0851, 0.2039, 0.2370



60.0851, 0.3581, 0.2699

Rectangle

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



60.0851, 0.4308, 0.4115



60.0851, 0.3450, 0.4498



60.0851, 0.2039, 0.2370



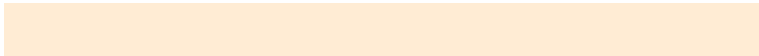
60.0851, 0.2703, 0.2328

Sweetspot

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



60.0880, 0.4308, 0.4115



86.0850, 0.3414, 0.3535



35.5111, 0.4050, 0.2635



18.0986, 0.3452, 0.3566



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.



60.0880, 0.4308, 0.4115



54.3776, 0.4586, 0.4226



92.5558, 0.3893, 0.4668



19.6923, 0.3280, 0.3424



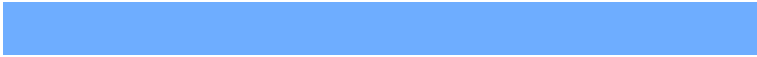
21.8718, 0.5219, 0.4238



2.3470, 0.5069, 0.4357

Inverse Universe

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



40.4084, 0.2188, 0.2243



33.0820, 0.2022, 0.1995



22.1643, 0.2060, 0.1474



18.6756, 0.2979, 0.3152



9.9699, 0.1712, 0.1362



1.1832, 0.1773, 0.1582

Previews

White Background



This preview shows how the Yxy color 60.0851, 0.4308, 0.4115 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 60.0851, 0.4308, 0.4115 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 60.0851, 0.4308, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 60.0851, 0.4308, 0.4115.



This preview shows how white text looks on a background with the Yxy color 60.0851, 0.4308, 0.4115.

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

60.0851, 0.4308, 0.4115

Protanopia

60.2479, 0.3948, 0.4296

Deuteranopia

60.0117, 0.4260, 0.4159



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

60.0851, 0.4308, 0.4115

Protanomaly

60.1630, 0.4070, 0.4230

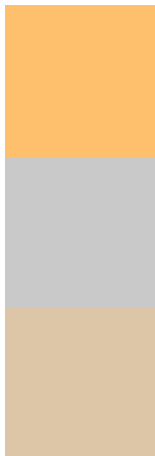
Deuteranomaly

59.9395, 0.4283, 0.4143

Tritanomaly

59.9431, 0.3891, 0.3533

Monochromacy



Original Color

60.0851, 0.4308, 0.4115

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5875, 0.3545, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0851, 0.4308, 0.4115 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, 192, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 110)  
}
```

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, 192, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 110) }
```

Border

The CSS property to change the border of an element to Yxy 60.0851, 0.4308, 0.4115 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, 192, 110) }
```

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

```
.border{ border-color:rgb(255, 192, 110) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0851, 0.4308, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 110) }
```

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

```
.background{ background-color: rgb(255,  
192, 110) }
```

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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