

Converting Colors

Yxy(60.2445, 0.4449, 0.4318)

Have a look what the booklet for
Yxy(60.2445, 0.4449, 0.4318)
contains.

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Color

Yxy(60.0718, 0.4453, 0.4316)

Conversions

Conversions Part 1

Format	Color
Hex	FFC156
RGB	255, 193, 86
RGB Percent	100%, 76%, 34%
CMY	0.0002, 0.2430, 0.6627
CMYK	0.00, 0.24, 0.66, 0.00
HSL	38°, 100%, 67%
HSV	38°, 66%, 100%
XYZ	61.9786, 60.0718, 17.1335
YIQ	199.3400, 71.2990, -20.1330

Conversions

Conversions Part 2

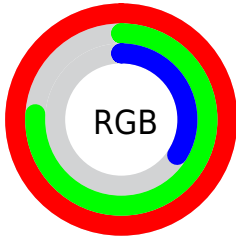
Format	Color
RYB	184, 255, 86
Decimal	16761174
CIELab	81.88, 11.70, 60.78
CIELCh	82, 61.894, 79.106
Yxy	60.0718, 0.4453, 0.4316
Android (android.graphics.Color)	4294951254 (0xFFFFC156)
YUV	199.3400, -55.8766, 48.8138
Hunter-Lab	77.5060, 7.1042, 41.1475

Details

The Yxy color **60.0718, 0.4453, 0.4316** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **30.3578, 0.2010, 0.1879**, and the grayscale version is **57.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9048, 0.3822, 0.4352**, and **30.3192, 0.4714, 0.4486** is the 20% darker color. If you saturate the color by 10%, you get **55.7311, 0.4661, 0.4394**, and if you desaturate by 10%, it is **64.8261, 0.4231, 0.4198**.

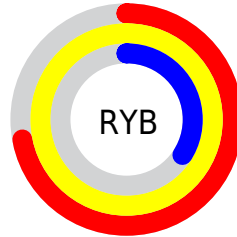
Distribution



Red (100%)

Green (76%)

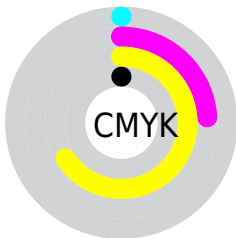
Blue (34%)



Red (72%)

Yellow (100%)

Blue (34%)

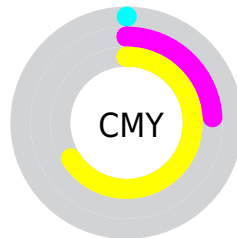


Cyan (0%)

Magenta (24%)

Yellow (66%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0718, 0.4453, 0.4316 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 60.0718, 0.4453, 0.4316 by changing the saturation by 10% instead.

 60.0718, 0.4453,
0.4316


 60.0718, 0.4453,
0.4316


424.8624, 0.3852,
0.3882


 43.4765, 0.4577,
0.4395

 104.9338, 0.4253,
0.4180


 30.2592, 0.4719,
0.4481


 133.9693, 0.4173,
0.4122

 20.0354, 0.4882,
0.4566


 167.9204, 0.4102,
0.4070

 12.4208, 0.5061,
0.4641

 207.1713, 0.4040,
0.4024

 7.0309, 0.5286,
0.4714

252.1066, 0.3985,
0.3983

 3.4814, 0.5391,
0.4609

303.1106, 0.3935,

 1.3879, 0.5567,

0.3946

0.4433

360.5678, 0.3891,
0.3912

0.2078, 0.6992,
0.3008

0.0000, 0.0000,
0.0000

60.0718, 0.4453,
0.4316

60.0718, 0.4453,
0.4316

55.7311, 0.4661,
0.4394

64.8261, 0.4231,
0.4198

51.7739, 0.4845,
0.4421

70.0037, 0.4007,
0.4052

48.1779, 0.4994,
0.4396

75.6246, 0.3789,
0.3890

46.9153, 0.5044,
0.4377

81.7044, 0.3584,
0.3720

■ 88.2574, 0.3396,
0.3552

■ 95.2976, 0.3225,
0.3388

99.9921, 0.3127,
0.3290

Harmonies

Analogous

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



60.0718, 0.4700, 0.3756



60.0718, 0.4453, 0.4316



60.0718, 0.3861, 0.4709

Triad

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



60.0718, 0.4453, 0.4316



60.0718, 0.1936, 0.3187



60.0718, 0.2975, 0.2283

Complementary

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



60.0718, 0.4453, 0.4316



30.3578, 0.2010, 0.1879

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.



60.0718, 0.2302, 0.2104



60.0718, 0.4453, 0.4316



60.0718, 0.1768, 0.2518

Square

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



60.0718, 0.4453, 0.4316



60.0718, 0.2409, 0.4042



60.0718, 0.1894, 0.2168



60.0718, 0.3791, 0.2663

Rectangle

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



60.0718, 0.4453, 0.4316



60.0718, 0.3368, 0.4742



60.0718, 0.1894, 0.2168



60.0718, 0.2726, 0.2199

Sweetspot

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



60.0748, 0.4453, 0.4316



85.7859, 0.3464, 0.3614



30.0457, 0.4491, 0.2704



17.9678, 0.3517, 0.3662



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.



60.0748, 0.4453, 0.4316



54.2294, 0.4733, 0.4410



89.3935, 0.3881, 0.4897



19.9054, 0.3278, 0.3440



24.8179, 0.5026, 0.4391



2.6250, 0.4905, 0.4487

Inverse Universe

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



30.3578, 0.2010, 0.1879



22.7900, 0.1824, 0.1548



17.0960, 0.1957, 0.1211



18.4681, 0.2979, 0.3135



8.1665, 0.1657, 0.1163



0.9949, 0.1719, 0.1388

Previews

White Background



This preview shows how the Yxy color 60.0718, 0.4453, 0.4316 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 60.0718, 0.4453, 0.4316 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 60.0718, 0.4453, 0.4316

Background



This preview shows how black text looks on a background with the Yxy color 60.0718, 0.4453, 0.4316.



This preview shows how white text looks on a background with the Yxy color 60.0718, 0.4453, 0.4316.

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

60.0718, 0.4453, 0.4316

Protanopia

60.2379, 0.4126, 0.4513

Deuteranopia

60.1381, 0.4430, 0.4333



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

60.0718, 0.4453, 0.4316

Protanomaly

60.0177, 0.4243, 0.4441

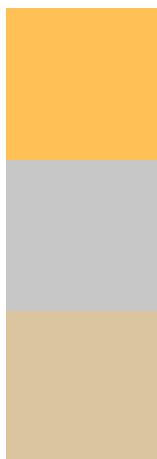
Deuteranomaly

60.3263, 0.4438, 0.4329

Tritanomaly

59.6608, 0.3960, 0.3617

Monochromacy



Original Color

60.0718, 0.4453, 0.4316

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4612, 0.3610, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0718, 0.4453, 0.4316 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, 193, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 86)  
}
```

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, 193, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 86) }
```

Border

The CSS property to change the border of an element to Yxy 60.0718, 0.4453, 0.4316 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, 193, 86) }
```

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

```
.border{ border-color:rgb(255, 193, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0718, 0.4453, 0.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 86) }
```

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

```
.background{ background-color: rgb(255,  
193, 86) }
```

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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