

Converting Colors

$Yxy(60.6698, 0.4393, 0.4257)$

Have a look what the booklet for
Yxy(60.6698, 0.4393, 0.4257)
contains.

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Color

Yxy(60.6698, 0.4393, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	FFC25F
RGB	255, 194, 95
RGB Percent	100%, 76%, 37%
CMY	0.0000, 0.2393, 0.6274
CMYK	0.00, 0.24, 0.63, 0.00
HSL	37°, 100%, 69%
HSV	37°, 63%, 100%
XYZ	62.6080, 60.6698, 19.2399
YIQ	200.9530, 68.1350, -17.8570

Conversions

Conversions Part 2

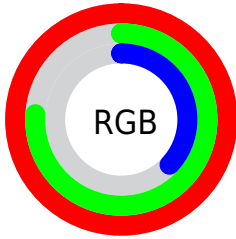
Format	Color
R _Y B	194, 255, 95
Decimal	16761439
CIE Lab	82.20, 11.76, 57.08
CIE LCh	82, 58.281, 78.354
Yxy	60.6698, 0.4393, 0.4257
Android (android.graphics.Color)	4294951519 (0xFFFFC25F)
YUV	200.9530, -52.2348, 47.3992
Hunter-Lab	77.8908, 7.1680, 39.8783

Details

The Yxy color **60.6698, 0.4393, 0.4257** 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 **33.4387, 0.2071, 0.1998**, and the grayscale version is **58.6728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8011, 0.3768, 0.4279**, and **30.8190, 0.4656, 0.4422** is the 20% darker color. If you saturate the color by 10%, you get **56.0877, 0.4614, 0.4347**, and if you desaturate by 10%, it is **65.6788, 0.4163, 0.4131**.

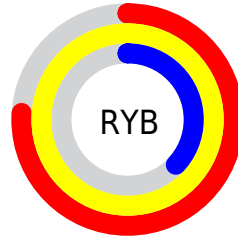
Distribution



Red (100%)

Green (76%)

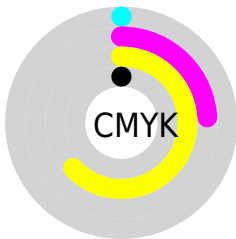
Blue (37%)



Red (76%)

Yellow (100%)

Blue (37%)

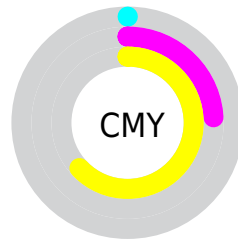


Cyan (0%)

Magenta (24%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6698, 0.4393, 0.4257 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 60.6698, 0.4393, 0.4257 by changing the saturation by 10% instead.


 60.6698, 0.4393,
0.4257


 60.6698, 0.4393,
0.4257


427.0623, 0.3814,
0.3844


 43.9587, 0.4515,
0.4335


 105.8007, 0.4199,
0.4125

 30.6381, 0.4657,
0.4420


 134.9893, 0.4121,
0.4070

 20.3234, 0.4822,
0.4509


 169.1059, 0.4053,
0.4021

 12.6303, 0.5008,
0.4592

 208.5348, 0.3994,
0.3978

 7.1745, 0.5286,
0.4714

253.6606, 0.3941,
0.3939

 3.5715, 0.5390,
0.4610

304.8674, 0.3894,

 1.4369, 0.5563,

0.3904

0.4437

362.5399, 0.3852,
0.3872

0.2437, 0.6804,
0.3196

0.0000, 0.0000,
0.0000

60.6698, 0.4393,
0.4257

60.6698, 0.4393,
0.4257

56.0877, 0.4614,
0.4347

65.6788, 0.4163,
0.4131

51.9238, 0.4814,
0.4390

71.1454, 0.3936,
0.3981

48.1498, 0.4983,
0.4380

77.0826, 0.3719,
0.3819

45.6309, 0.5086,
0.4344

83.5060, 0.3518,
0.3652

■ 90.4306, 0.3334,
0.3488

■ 97.8703, 0.3169,
0.3331

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.



60.6698, 0.4608, 0.3728



60.6698, 0.4393, 0.4257



60.6698, 0.3845, 0.4620

Triad

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



60.6698, 0.4393, 0.4257



60.6698, 0.2010, 0.3218



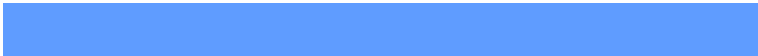
60.6698, 0.2969, 0.2328

Complementary

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



60.6698, 0.4393, 0.4257



33.4387, 0.2071, 0.1998

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.



60.6698, 0.2336, 0.2163



60.6698, 0.4393, 0.4257



60.6698, 0.1839, 0.2580

Square

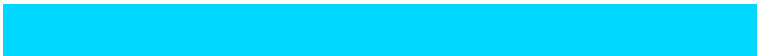
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.6698, 0.4393, 0.4257



60.6698, 0.2469, 0.4012



60.6698, 0.1951, 0.2234



60.6698, 0.3733, 0.2687

Rectangle

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



60.6698, 0.4393, 0.4257



60.6698, 0.3381, 0.4650



60.6698, 0.1951, 0.2234



60.6698, 0.2734, 0.2249

Sweetspot

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



60.6658, 0.4393, 0.4257



86.0360, 0.3447, 0.3590



31.8589, 0.4343, 0.2694



17.9997, 0.3501, 0.3638



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.



60.6658, 0.4393, 0.4257



55.1110, 0.4661, 0.4362



90.2368, 0.3875, 0.4821



19.8588, 0.3279, 0.3437



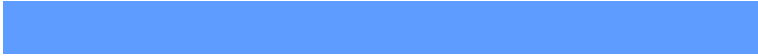
24.1406, 0.5067, 0.4359



2.5617, 0.4940, 0.4459

Inverse Universe

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



33.4387, 0.2071, 0.1998



26.1027, 0.1895, 0.1703



18.9630, 0.2006, 0.1310



18.5131, 0.2979, 0.3139



8.5288, 0.1668, 0.1205



1.0335, 0.1730, 0.1429

Previews

White Background



This preview shows how the Yxy color 60.6698, 0.4393, 0.4257 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 60.6698, 0.4393, 0.4257 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 60.6698, 0.4393, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 60.6698, 0.4393, 0.4257.



This preview shows how white text looks on a background with the Yxy color 60.6698, 0.4393, 0.4257.

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

60.6698, 0.4393, 0.4257

Protanopia

60.8754, 0.4068, 0.4445

Deuteranopia

60.7391, 0.4369, 0.4274



Tritanopia

60.4550, 0.3614, 0.3167

Trichromacy



Original Color

60.6698, 0.4393, 0.4257

Protanomaly

60.6409, 0.4183, 0.4376

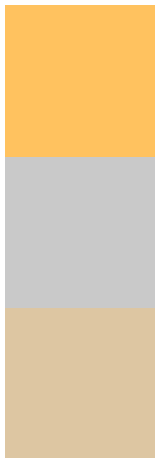
Deuteranomaly

60.9273, 0.4377, 0.4270

Tritanomaly

60.2284, 0.3922, 0.3586

Monochromacy



Original Color

60.6698, 0.4393, 0.4257

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3690, 0.3592, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6698, 0.4393, 0.4257 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 95) }
```

Border

The CSS property to change the border of an element to Yxy 60.6698, 0.4393, 0.4257 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, 95) }
```

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

```
.border{ border-color:rgb(255, 194, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6698, 0.4393, 0.4257 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, 95) }
```

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

```
.background{ background-color: rgb(255,  
194, 95) }
```

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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