

Converting Colors

$Y_{xy}(60.7253, 0.4248, 0.4060)$

Have a look what the booklet for
Yxy(60.7253, 0.4248, 0.4060)
contains.

Yxy(60.6843, 0.4252, 0.4062)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6843, 0.4252, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	FFC175
RGB	255, 193, 117
RGB Percent	100%, 76%, 46%
CMY	0.0000, 0.2431, 0.5413
CMYK	0.00, 0.24, 0.54, 0.00
HSL	33°, 100%, 73%
HSV	33°, 54%, 100%
XYZ	63.5228, 60.6843, 25.1880
YIQ	202.8740, 61.3480, -10.4920

Conversions

Conversions Part 2

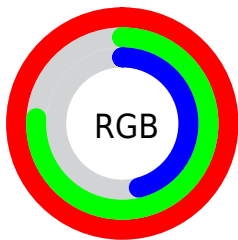
Format	Color
R_{YB}	230, 255, 117
Decimal	16761205
CIE _{Lab}	82.21, 13.84, 46.55
CIE _{LCh}	82, 48.565, 73.443
Yxy	60.6843, 0.4252, 0.4062
Android (android.graphics.Color)	4294951285 (0xFFFFC175)
YUV	202.8740, -42.3359, 45.7145
Hunter-Lab	77.9001, 9.2306, 35.3594

Details

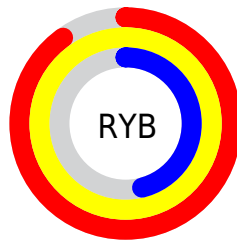
The Yxy color **60.6843, 0.4252, 0.4062** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.2314, 0.2237, 0.2331**, and the grayscale version is **59.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9136, 0.3649, 0.4072**, and **30.7516, 0.4504, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **55.2951, 0.4508, 0.4170**, and if you desaturate by 10%, it is **66.6310, 0.4002, 0.3930**.

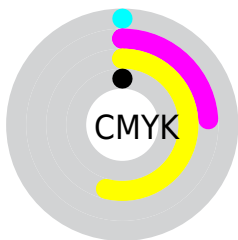
Distribution



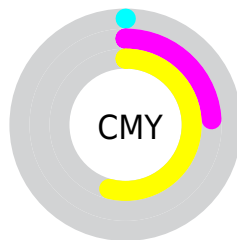
- Red (100%)
- Green (76%)
- Blue (46%)



- Red (90%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6843, 0.4252, 0.4062 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 60.6843, 0.4252, 0.4062 by changing the saturation by 10% instead.

 60.6843, 0.4252,
0.4062


 60.6843, 0.4252,
0.4062

427.1155, 0.3725,
0.3726


 43.9704, 0.4369,
0.4129


 105.8217, 0.4071,
0.3952

 30.6473, 0.4510,
0.4205


 135.0140, 0.4000,
0.3907

 20.3304, 0.4680,
0.4290

 169.1346, 0.3938,
0.3868

 12.6354, 0.4888,
0.4377

208.5679, 0.3885,
0.3833

 7.1780, 0.5147,
0.4463

253.6982, 0.3838,
0.3801

 3.5737, 0.5477,
0.4523

304.9100, 0.3796,

 1.4381, 0.5677,

0.3773

0.4323

362.5876, 0.3759,
0.3748

0.2445, 0.6999,
0.3001

0.0000, 0.0000,
0.0000

60.6843, 0.4252,
0.4062

60.6843, 0.4252,
0.4062

55.2951, 0.4508,
0.4170

66.6310, 0.4002,
0.3930

50.4381, 0.4759,
0.4240

73.1530, 0.3768,
0.3784

46.0893, 0.4990,
0.4261

80.2704, 0.3554,
0.3635

42.2198, 0.5185,
0.4227

88.0013, 0.3362,
0.3487

40.1501, 0.5284,
0.4186

96.3629, 0.3191,
0.3346

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.



60.6843, 0.4360, 0.3608



60.6843, 0.4252, 0.4062



60.6843, 0.3836, 0.4377

Triad

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



60.6843, 0.4252, 0.4062



60.6843, 0.2231, 0.3347



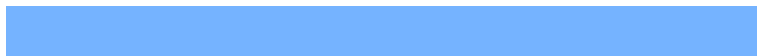
60.6843, 0.2901, 0.2431

Complementary

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



60.6843, 0.4252, 0.4062



43.2314, 0.2237, 0.2331

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.



60.6843, 0.2388, 0.2322



60.6843, 0.4252, 0.4062



60.6843, 0.2033, 0.2777

Square

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



60.6843, 0.4252, 0.4062



60.6843, 0.2666, 0.3979



60.6843, 0.2090, 0.2429



60.6843, 0.3534, 0.2719

Rectangle

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



60.6843, 0.4252, 0.4062



60.6843, 0.3456, 0.4424



60.6843, 0.2090, 0.2429



60.6843, 0.2710, 0.2372

Sweetspot

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



60.6853, 0.4252, 0.4062



86.5046, 0.3396, 0.3514



37.2362, 0.3984, 0.2661



18.1692, 0.3435, 0.3545



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.



60.6853, 0.4252, 0.4062



54.8494, 0.4531, 0.4178



92.7784, 0.3864, 0.4613



19.6459, 0.3280, 0.3421



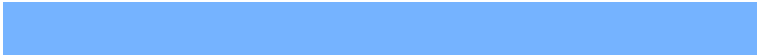
21.2820, 0.5262, 0.4204



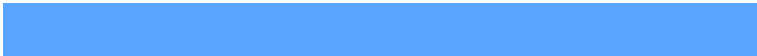
2.2904, 0.5106, 0.4328

Inverse Universe

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



43.2314, 0.2237, 0.2331



35.8009, 0.2073, 0.2095



24.2142, 0.2117, 0.1568



18.7213, 0.2979, 0.3156



10.4133, 0.1725, 0.1408



1.2283, 0.1785, 0.1626

Previews

White Background



This preview shows how the Yxy color 60.6843, 0.4252, 0.4062 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 60.6843, 0.4252, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

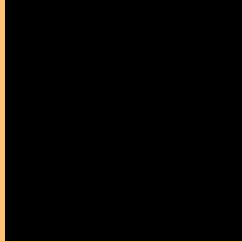
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6843, 0.4252, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 60.6843, 0.4252, 0.4062.



This preview shows how white text looks on a background with the Yxy color 60.6843, 0.4252, 0.4062.

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

60.6843, 0.4252, 0.4062

Protanopia

60.8904, 0.3896, 0.4234

Deuteranopia

60.6152, 0.4205, 0.4105



Tritanopia

60.4550, 0.3614, 0.3167

Trichromacy



Original Color

60.6843, 0.4252, 0.4062

Protanomaly

60.7915, 0.4016, 0.4171

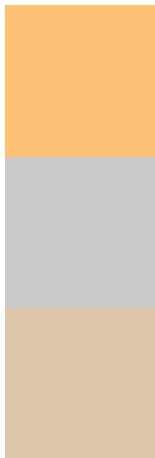
Deuteranomaly

60.5400, 0.4228, 0.4089

Tritanomaly

60.5198, 0.3854, 0.3502

Monochromacy



Original Color

60.6843, 0.4252, 0.4062

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3550, 0.3520, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6843, 0.4252, 0.4062 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 117) }
```

Border

The CSS property to change the border of an element to Yxy 60.6843, 0.4252, 0.4062 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, 117) }
```

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

```
.border{ border-color:rgb(255, 193, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6843, 0.4252, 0.4062 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, 117) }
```

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

```
.background{ background-color: rgb(255,  
193, 117) }
```

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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