

Converting Colors

$Y_{xy}(62.3752, 0.4530, 0.4325)$

Have a look what the booklet for
Yxy(62.3752, 0.4530, 0.4325)
contains.

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Color

Yxy(60.8994, 0.4460, 0.4361)

Conversions

Conversions Part 1

Format	Color
Hex	FFC352
RGB	255, 195, 82
RGB Percent	100%, 76%, 32%
CMY	0.0000, 0.2353, 0.6782
CMYK	0.00, 0.24, 0.68, 0.00
HSL	39°, 100%, 66%
HSV	39°, 68%, 100%
XYZ	62.2819, 60.8994, 16.4642
YIQ	200.0580, 72.0330, -22.4230

Conversions

Conversions Part 2

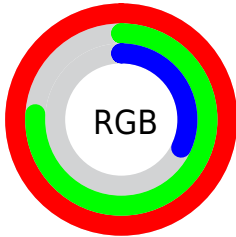
Format	Color
R_{YB}	174, 255, 82
Decimal	16761682
CIE _{Lab}	82.32, 10.47, 62.97
CIE _{LCh}	82, 63.840, 80.556
Yxy	60.8994, 0.4460, 0.4361
Android (android.graphics.Color)	4294951762 (0xFFFFC352)
YUV	200.0580, -58.2026, 48.1841
Hunter-Lab	78.0381, 5.8936, 42.1178

Details

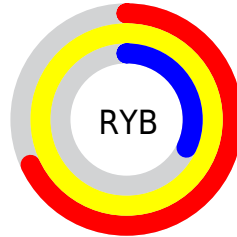
The Yxy color **60.8994, 0.4460, 0.4361** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **28.3767, 0.1975, 0.1796**, and the grayscale version is **58.1321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0319, 0.3836, 0.4403**, and **30.8813, 0.4712, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **56.7342, 0.4656, 0.4435**, and if you desaturate by 10%, it is **65.4466, 0.4247, 0.4245**.

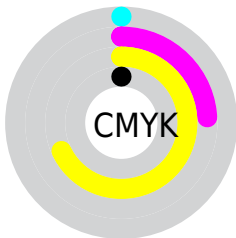
Distribution



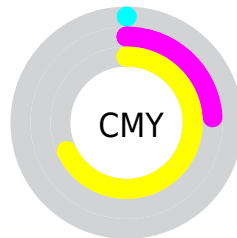
- Red (100%)
- Green (76%)
- Blue (32%)



- Red (68%)
- Yellow (100%)
- Blue (32%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8994, 0.4460, 0.4361 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 60.8994, 0.4460, 0.4361 by changing the saturation by 10% instead.

 60.8994, 0.4460,
0.4361

 60.8994, 0.4460,
0.4361


427.9050, 0.3861,
0.3909

 44.1440, 0.4581,
0.4443


 106.1333, 0.4263,
0.4219


 30.7837, 0.4720,
0.4531


 135.3805, 0.4182,
0.4160


 20.4342, 0.4875,
0.4618


 169.5605, 0.4112,
0.4106

 12.7111, 0.5045,
0.4696

 209.0576, 0.4050,
0.4058

 7.2299, 0.5241,
0.4759

 254.2562, 0.3995,
0.4015

 3.6063, 0.5334,
0.4666

305.5407, 0.3945,

 1.4559, 0.5489,

0.3976

0.4511

363.2955, 0.3901,
0.3941

0.2574, 0.6603,
0.3397

0.0000, 0.0000,
0.0000

60.8994, 0.4460,
0.4361

60.8994, 0.4460,
0.4361

56.7342, 0.4656,
0.4435

65.4466, 0.4247,
0.4245

52.9257, 0.4825,
0.4459


70.3896, 0.4029,
0.4099

49.4486, 0.4961,
0.4431

75.7464, 0.3815,
0.3934

48.7281, 0.4988,
0.4421

81.5319, 0.3611,
0.3760

 87.7603, 0.3422,
0.3586

 94.4446, 0.3250,
0.3417

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.



60.8994, 0.4738, 0.3790



60.8994, 0.4460, 0.4361



60.8994, 0.3840, 0.4755

Triad

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



60.8994, 0.4460, 0.4361



60.8994, 0.1893, 0.3142



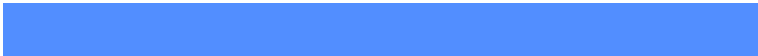
60.8994, 0.3009, 0.2276

Complementary

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



60.8994, 0.4460, 0.4361



28.3767, 0.1975, 0.1796

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.



60.8994, 0.2309, 0.2082



60.8994, 0.4460, 0.4361



60.8994, 0.1738, 0.2472

Square

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



60.8994, 0.4460, 0.4361



60.8994, 0.2360, 0.4023



60.8994, 0.1880, 0.2132



60.8994, 0.3847, 0.2671

Rectangle

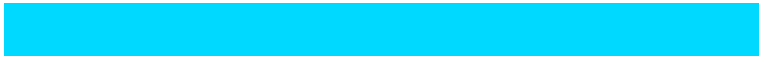
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8994, 0.4460, 0.4361



60.8994, 0.3332, 0.4776



60.8994, 0.1880, 0.2132



60.8994, 0.2750, 0.2186

Sweetspot

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



60.9009, 0.4460, 0.4361



86.3662, 0.3462, 0.3624



29.2728, 0.4582, 0.2727



18.1074, 0.3515, 0.3673



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.



60.9009, 0.4460, 0.4361



55.4867, 0.4713, 0.4449



88.7975, 0.3870, 0.4937



19.9676, 0.3278, 0.3445



25.7515, 0.4972, 0.4435



2.7117, 0.4860, 0.4523

Inverse Universe

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



28.3767, 0.1975, 0.1796



21.3176, 0.1798, 0.1473



16.4499, 0.1946, 0.1175



18.4082, 0.2979, 0.3130



7.7097, 0.1642, 0.1110



0.9456, 0.1704, 0.1335

Previews

White Background



This preview shows how the Yxy color 60.8994, 0.4460, 0.4361 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 60.8994, 0.4460, 0.4361 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 60.8994, 0.4460, 0.4361

Background



This preview shows how black text looks on a background with the Yxy color 60.8994, 0.4460, 0.4361.



This preview shows how white text looks on a background with the Yxy color 60.8994, 0.4460, 0.4361.

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

60.8994, 0.4460, 0.4361

Protanopia

60.8125, 0.4149, 0.4549

Deuteranopia

60.9147, 0.4455, 0.4355



Tritanopia

60.8779, 0.3612, 0.3177

Trichromacy



Original Color

60.8994, 0.4460, 0.4361

Protanomaly

60.5905, 0.4266, 0.4476

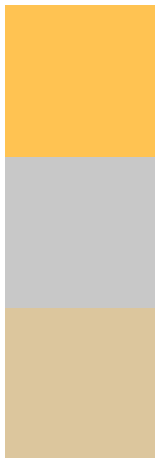
Deuteranomaly

60.9147, 0.4455, 0.4355

Tritanomaly

60.4872, 0.3960, 0.3648

Monochromacy



Original Color

60.8994, 0.4460, 0.4361

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0381, 0.3623, 0.3769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8994, 0.4460, 0.4361 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, 195, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 82)  
}
```

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, 195, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 82) }
```

Border

The CSS property to change the border of an element to Yxy 60.8994, 0.4460, 0.4361 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, 195, 82) }
```

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

```
.border{ border-color:rgb(255, 195, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8994, 0.4460, 0.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 82) }
```

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

```
.background{ background-color: rgb(255,  
195, 82) }
```

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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