

Converting Colors

$Y_{xy}(56.7197, 0.4056, 0.3785)$

Have a look what the booklet for
Yxy(56.7197, 0.4056, 0.3785)
contains.

Yxy(56.9383, 0.4060, 0.3794)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9383, 0.4060, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	F8BA8B
RGB	248, 186, 139
RGB Percent	97%, 73%, 55%
CMY	0.0275, 0.2706, 0.4549
CMYK	0.00, 0.25, 0.44, 0.03
HSL	26°, 89%, 76%
HSV	26°, 44%, 97%
XYZ	60.9303, 56.9383, 32.2060
YIQ	199.1800, 52.0390, -1.4730

Conversions

Conversions Part 2

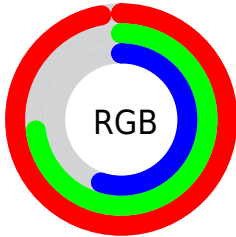
Format	Color
R _Y B	248, 222, 139
Decimal	16300683
CIE Lab	80.14, 16.71, 32.51
CIE LCh	80, 36.551, 62.803
Yxy	56.9383, 0.4060, 0.3794
Android (android.graphics.Color)	4294490763 (0xFFF8BA8B)
YUV	199.1800, -29.6687, 42.8151
Hunter-Lab	75.4575, 12.0843, 27.5147

Details

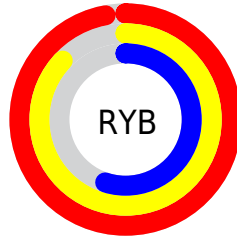
The Yxy color **56.9383, 0.4060, 0.3794** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0381, 0.2434, 0.2713**, and the grayscale version is **57.3921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6145, 0.3524, 0.3780**, and **28.2985, 0.4295, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **50.6433, 0.4348, 0.3898**, and if you desaturate by 10%, it is **63.9899, 0.3798, 0.3678**.

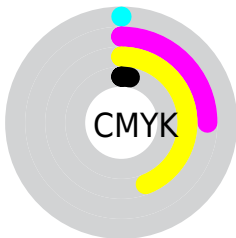
Distribution



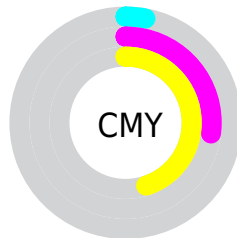
- Red (97%)
- Green (73%)
- Blue (55%)



- Red (97%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (3%)




- Cyan (3%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9383, 0.4060, 0.3794 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 56.9383, 0.4060, 0.3794 by changing the saturation by 10% instead.


 56.9383, 0.4060,
0.3794


 56.9383, 0.4060,
0.3794

413.2181, 0.3609,
0.3570

 40.9557, 0.4166,
0.3841


 100.3752, 0.3901,
0.3719

 28.2845, 0.4298,
0.3896


 128.5982, 0.3840,
0.3689

 18.5402, 0.4465,
0.3960


 161.6702, 0.3787,
0.3663

 11.3385, 0.4682,
0.4032

199.9755, 0.3742,
0.3640

 6.2950, 0.4970,
0.4105

243.8986, 0.3702,
0.3619

 3.0253, 0.5510,
0.4271

293.8238, 0.3668,

 1.1449, 0.5900,

0.3601

0.4100

350.1355, 0.3637,
0.3584

0.0160, 0.9635,
0.0365

0.0000, 0.0000,
0.0000

56.9383, 0.4060,
0.3794

56.9383, 0.4060,
0.3794

50.6433, 0.4348,
0.3898

63.9899, 0.3798,
0.3678

45.0685, 0.4655,
0.3979

71.8163, 0.3566,
0.3559

40.1863, 0.4965,
0.4025

80.4452, 0.3364,
0.3443

35.9633, 0.5257,
0.4021

89.9004, 0.3189,
0.3332

■ 32.3620, 0.5508,
0.3962

■ 98.6962, 0.3084,
0.3290

■ 30.4603, 0.5637,
0.3906

Harmonies

Analogous

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



56.9383, 0.4032, 0.3423



56.9383, 0.4060, 0.3794



56.9383, 0.3823, 0.4074

Triad

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



56.9383, 0.4060, 0.3794



56.9383, 0.2533, 0.3515



56.9383, 0.2799, 0.2560

Complementary

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



56.9383, 0.4060, 0.3794



54.0381, 0.2434, 0.2713

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.



56.9383, 0.2443, 0.2537



56.9383, 0.4060, 0.3794



56.9383, 0.2299, 0.3047

Square

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



56.9383, 0.4060, 0.3794



56.9383, 0.2934, 0.3944



56.9383, 0.2268, 0.2700



56.9383, 0.3271, 0.2744

Rectangle

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



56.9383, 0.4060, 0.3794



56.9383, 0.3558, 0.4155



56.9383, 0.2268, 0.2700



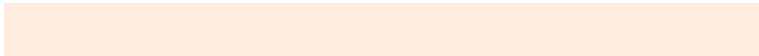
56.9383, 0.2663, 0.2533

Sweetspot

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



56.9410, 0.4060, 0.3794



86.6006, 0.3347, 0.3432



42.7147, 0.3604, 0.2624



18.0813, 0.3388, 0.3458



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.



56.9410, 0.4060, 0.3794



54.5056, 0.4322, 0.3890



83.5040, 0.3819, 0.4297



18.4562, 0.3283, 0.3393



16.7211, 0.5610, 0.3928



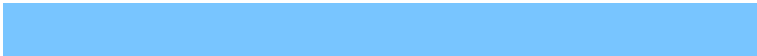
1.7547, 0.5401, 0.4094

Inverse Universe

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



54.0381, 0.2434, 0.2713



51.0071, 0.2298, 0.2567



33.4738, 0.2316, 0.2030



18.2818, 0.2980, 0.3185



14.2445, 0.1837, 0.1811



1.5299, 0.1890, 0.2004

Previews

White Background



This preview shows how the Yxy color 56.9383, 0.4060, 0.3794 looks on a white background.

Color Contrast Check

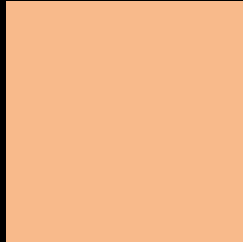
Large Text (above 18pt) WCAG AA × Fail

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 56.9383, 0.4060, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

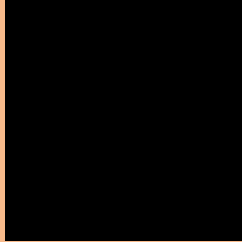
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9383, 0.4060, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 56.9383, 0.4060, 0.3794.



This preview shows how white text looks on a background with the Yxy color 56.9383, 0.4060, 0.3794.

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

56.9383, 0.4060, 0.3794

Protanopia

57.1566, 0.3669, 0.3943

Deuteranopia

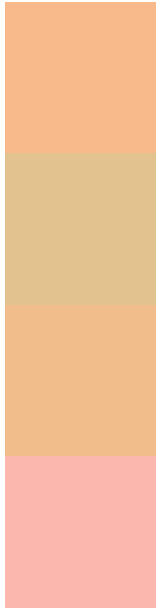
57.1011, 0.3949, 0.3878



Tritanopia

56.9731, 0.3657, 0.3144

Trichromacy



Original Color

56.9383, 0.4060, 0.3794

Protanomaly

56.7053, 0.3808, 0.3888

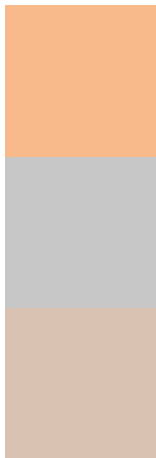
Deuteranomaly

56.9309, 0.3993, 0.3849

Tritanomaly

56.9823, 0.3808, 0.3388

Monochromacy



Original Color

56.9383, 0.4060, 0.3794

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5096, 0.3449, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9383, 0.4060, 0.3794 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(248, 186, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 186, 139)  
}
```

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(248, 186, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 186, 139) }
```

Border

The CSS property to change the border of an element to Yxy 56.9383, 0.4060, 0.3794 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(248, 186, 139) }
```

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

```
.border{ border-color:rgb(248, 186, 139) }
```

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

Here you see how a box with a 4 pixel rgb(248, 186, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 186, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 186, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 186,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9383, 0.4060, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 186, 139) }
```

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

```
.background{ background-color: rgb(248,  
186, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor