

Converting Colors

$Yxy(60.5588, 0.3983, 0.3683)$

Have a look what the booklet for
Yxy(60.5588, 0.3983, 0.3683)
contains.

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Color

Yxy(60.3868, 0.3985, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE99
RGB	255, 190, 153
RGB Percent	100%, 75%, 60%
CMY	0.0000, 0.2549, 0.4000
CMYK	0.00, 0.25, 0.40, 0.00
HSL	22°, 100%, 80%
HSV	22°, 40%, 100%
XYZ	65.4095, 60.3868, 38.3429
YIQ	205.2170, 50.6170, 2.2730

Conversions

Conversions Part 2

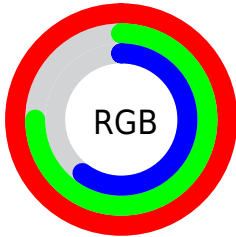
Format	Color
R _Y B	255, 211, 153
Decimal	16760473
CIE Lab	82.05, 18.82, 27.81
CIE LCh	82, 33.582, 55.919
Yxy	60.3868, 0.3985, 0.3679
Android (android.graphics.Color)	4294950553 (0xFFFFBE99)
YUV	205.2170, -25.7430, 43.6597
Hunter-Lab	77.7089, 14.2570, 25.1416

Details

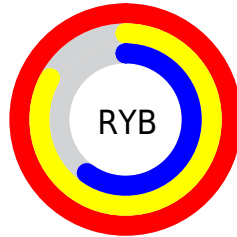
The Yxy color **60.3868, 0.3985, 0.3679** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1345, 0.2507, 0.2858**, and the grayscale version is **61.3359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7256, 0.3421, 0.3666**, and **30.3034, 0.4199, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **52.9794, 0.4285, 0.3772**, and if you desaturate by 10%, it is **68.7558, 0.3720, 0.3579**.

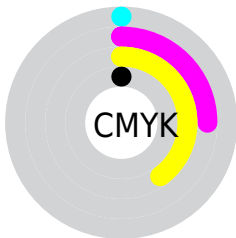
Distribution



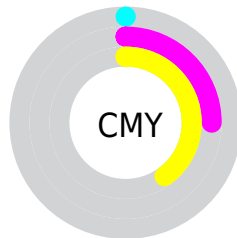
- Red (100%)
- Green (75%)
- Blue (60%)



- Red (100%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3868, 0.3985, 0.3679 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 60.3868, 0.3985, 0.3679 by changing the saturation by 10% instead.


 60.3868, 0.3985,
0.3679


 60.3868, 0.3985,
0.3679


426.0220, 0.3572,
0.3509

 43.7305, 0.4082,
0.3714


 105.3906, 0.3839,
0.3622

 30.4587, 0.4203,
0.3756


 134.5068, 0.3783,
0.3600

 20.1870, 0.4357,
0.3804

168.5451, 0.3736,
0.3580

 12.5310, 0.4559,
0.3859

207.8900, 0.3694,
0.3562

 7.1064, 0.4833,
0.3917

252.9257, 0.3658,
0.3546

 3.5288, 0.5227,
0.3970

304.0367, 0.3626,

 1.4136, 0.5946,

0.3532

0.4054

361.6073, 0.3598,
0.3520

0.2267, 0.7485,
0.2515

0.0000, 0.0000,
0.0000

60.3868, 0.3985,
0.3679

60.3868, 0.3985,
0.3679

52.9794, 0.4285,
0.3772

68.7558, 0.3720,
0.3579

46.5013, 0.4614,
0.3847

78.1264, 0.3490,
0.3479

40.9110, 0.4959,
0.3892

88.5300, 0.3294,
0.3381

36.1650, 0.5295,
0.3895

99.9981, 0.3127,
0.3290

■ 32.2153, 0.5594,
0.3846

100.0000, 0.3127,
0.3290

■ 29.0007, 0.5833,
0.3750

Harmonies

Analogous

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



60.3868, 0.3899, 0.3335



60.3868, 0.3985, 0.3679



60.3868, 0.3824, 0.3956

Triad

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



60.3868, 0.3985, 0.3679



60.3868, 0.2664, 0.3590



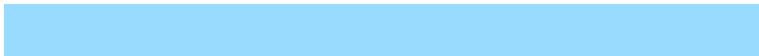
60.3868, 0.2745, 0.2607

Complementary

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



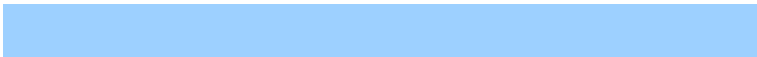
60.3868, 0.3985, 0.3679



64.1345, 0.2507, 0.2858

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.



60.3868, 0.2454, 0.2627



60.3868, 0.3985, 0.3679



60.3868, 0.2409, 0.3166

Square

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



60.3868, 0.3985, 0.3679



60.3868, 0.3052, 0.3938



60.3868, 0.2336, 0.2818



60.3868, 0.3157, 0.2743

Rectangle

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



60.3868, 0.3985, 0.3679



60.3868, 0.3608, 0.4055



60.3868, 0.2336, 0.2818



60.3868, 0.2631, 0.2595

Sweetspot

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



60.3851, 0.3985, 0.3679



86.3667, 0.3331, 0.3400



49.1714, 0.3484, 0.2617



18.1883, 0.3356, 0.3413



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.



60.3851, 0.3985, 0.3679



54.3862, 0.4222, 0.3754



85.7031, 0.3783, 0.4154



19.0656, 0.3285, 0.3377



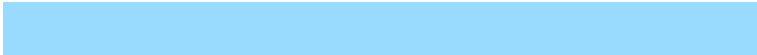
15.4111, 0.5804, 0.3774



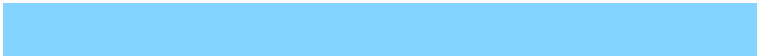
1.6994, 0.5588, 0.3945

Inverse Universe

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



64.1345, 0.2507, 0.2858



58.5647, 0.2391, 0.2754



42.1068, 0.2410, 0.2243



19.3082, 0.2980, 0.3202



17.6615, 0.1904, 0.2053



1.9274, 0.1947, 0.2210

Previews

White Background



This preview shows how the Yxy color 60.3868, 0.3985, 0.3679 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 60.3868, 0.3985, 0.3679 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 60.3868, 0.3985, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 60.3868, 0.3985, 0.3679.



This preview shows how white text looks on a background with the Yxy color 60.3868, 0.3985, 0.3679.

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

60.3868, 0.3985, 0.3679

Protanopia

60.5944, 0.3573, 0.3814

Deuteranopia

60.4476, 0.3849, 0.3772



Tritanopia

60.4550, 0.3614, 0.3167

Trichromacy



Original Color

60.3868, 0.3985, 0.3679

Protanomaly

60.2701, 0.3713, 0.3764

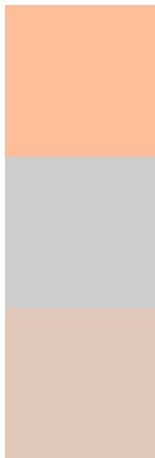
Deuteranomaly

60.4434, 0.3900, 0.3743

Tritanomaly

60.1780, 0.3749, 0.3344

Monochromacy



Original Color

60.3868, 0.3985, 0.3679

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5417, 0.3416, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3868, 0.3985, 0.3679 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, 190, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 153)  
}
```

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, 190, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 153) }
```

Border

The CSS property to change the border of an element to Yxy 60.3868, 0.3985, 0.3679 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, 190, 153) }
```

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

```
.border{ border-color:rgb(255, 190, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3868, 0.3985, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 153) }
```

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

```
.background{ background-color: rgb(255,  
190, 153) }
```

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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