

Converting Colors

Yxy(66.7398, 0.3848, 0.3743)

Have a look what the booklet for
Yxy(66.7398, 0.3848, 0.3743)
contains.

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Color

Yxy(66.6416, 0.3847, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	FDCCA1
RGB	253, 204, 161
RGB Percent	99%, 80%, 63%
CMY	0.0079, 0.2000, 0.3686
CMYK	0.00, 0.19, 0.36, 0.01
HSL	28°, 96%, 81%
HSV	28°, 36%, 99%
XYZ	68.5299, 66.6416, 42.9670
YIQ	213.7490, 43.0070, -2.9850

Conversions

Conversions Part 2

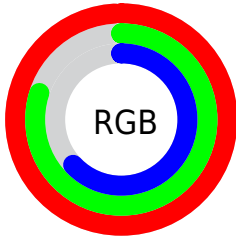
Format	Color
R _Y B	253, 242, 161
Decimal	16632993
CIE Lab	85.32, 11.61, 28.00
CIE LCh	85, 30.311, 67.469
Yxy	66.6416, 0.3847, 0.3741
Android (android.graphics.Color)	4294823073 (0xFFFDCCA1)
YUV	213.7490, -26.0053, 34.4231
Hunter-Lab	81.6343, 6.9861, 25.9376

Details

The Yxy color **66.6416, 0.3847, 0.3741** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.7465, 0.2545, 0.2787**, and the grayscale version is **67.2250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **34.5189, 0.4023, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **59.7119, 0.4106, 0.3864**, and if you desaturate by 10%, it is **74.3118, 0.3614, 0.3613**.

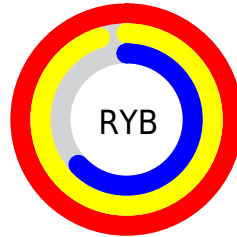
Distribution



Red (99%)

Green (80%)

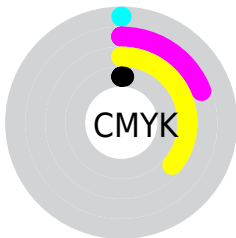
Blue (63%)



Red (99%)

Yellow (95%)

Blue (63%)

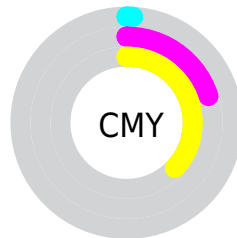


Cyan (0%)

Magenta (19%)

Yellow (36%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6416, 0.3847, 0.3741 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 66.6416, 0.3847, 0.3741 by changing the saturation by 10% instead.


 66.6416, 0.3847,
0.3741

 66.6416, 0.3847,
0.3741


448.6680, 0.3508,
0.3539

 48.7934, 0.3925,
0.3785

 114.4067, 0.3729,
0.3673

 34.4556, 0.4022,
0.3837


 145.0924, 0.3683,
0.3646

 23.2439, 0.4143,
0.3900


180.8261, 0.3643,
0.3622

 14.7737, 0.4301,
0.3978

221.9922, 0.3609,
0.3601

 8.6607, 0.4512,
0.4072

268.9750, 0.3579,
0.3583

 4.5205, 0.4802,
0.4180

322.1590, 0.3553,

 1.9688, 0.5490,

0.3567

0.4510

381.9285, 0.3529,
0.3552

0.5892, 0.5888,
0.4112

0.0000, 0.0000,
0.0000

66.6416, 0.3847,
0.3741

66.6416, 0.3847,
0.3741

59.7119, 0.4106,
0.3864

74.3118, 0.3614,
0.3613

53.4885, 0.4388,
0.3973

82.7367, 0.3408,
0.3486

47.9478, 0.4681,
0.4055

91.9416, 0.3229,
0.3364

43.0609, 0.4970,
0.4097

99.6201, 0.3115,
0.3290

■ 38.7958, 0.5236,
0.4087

■ 35.1159, 0.5459,
0.4022

■ 33.9077, 0.5532,
0.3990

Harmonies

Analogous

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



66.6416, 0.3855, 0.3454



66.6416, 0.3847, 0.3741



66.6416, 0.3637, 0.3932

Triad

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



66.6416, 0.3847, 0.3741



66.6416, 0.2618, 0.3411



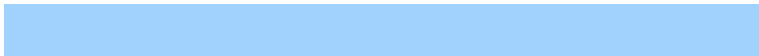
66.6416, 0.2924, 0.2718

Complementary

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



66.6416, 0.3847, 0.3741



60.7465, 0.2545, 0.2787

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.



66.6416, 0.2618, 0.2681



66.6416, 0.3847, 0.3741



66.6416, 0.2450, 0.3055

Square

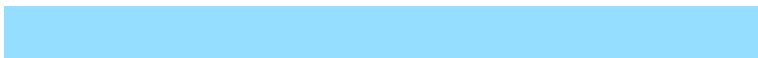
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6416, 0.3847, 0.3741



66.6416, 0.2924, 0.3752



66.6416, 0.2451, 0.2795



66.6416, 0.3304, 0.2885

Rectangle

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



66.6416, 0.3847, 0.3741



66.6416, 0.3419, 0.3966



66.6416, 0.2451, 0.2795



66.6416, 0.2810, 0.2690

Sweetspot

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



66.6447, 0.3847, 0.3741



89.1627, 0.3309, 0.3420



51.0247, 0.3539, 0.2783



18.8131, 0.3333, 0.3436



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.



66.6447, 0.3847, 0.3741



62.3867, 0.4043, 0.3836



91.7748, 0.3686, 0.4171



19.3874, 0.3283, 0.3401



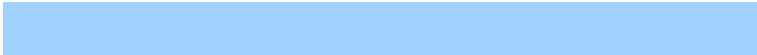
18.3255, 0.5506, 0.4010



2.0006, 0.5318, 0.4160

Inverse Universe

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



60.7465, 0.2545, 0.2787



55.5338, 0.2423, 0.2660



41.2411, 0.2465, 0.2224



18.9791, 0.2979, 0.3176



13.2398, 0.1801, 0.1683



1.5079, 0.1856, 0.1880

Previews

White Background



This preview shows how the Yxy color 66.6416, 0.3847, 0.3741 looks on a white background.

Color Contrast Check

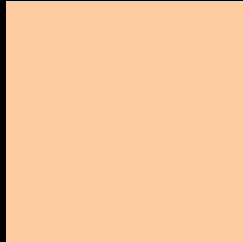
Large Text (above 18pt) WCAG AA × Fail

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 66.6416, 0.3847, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

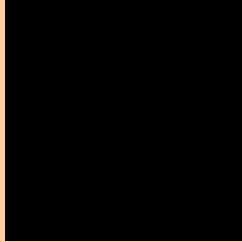
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6416, 0.3847, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 66.6416, 0.3847, 0.3741.



This preview shows how white text looks on a background with the Yxy color 66.6416, 0.3847, 0.3741.

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

66.6416, 0.3847, 0.3741

Protanopia

66.7991, 0.3585, 0.3826

Deuteranopia

66.7451, 0.3827, 0.3754



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.6416, 0.3847, 0.3741

Protanomaly

66.7780, 0.3673, 0.3793

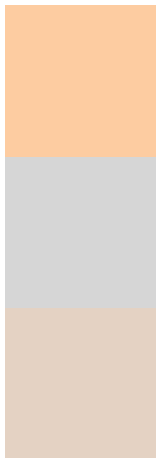
Deuteranomaly

66.9313, 0.3835, 0.3752

Tritanomaly

66.2296, 0.3614, 0.3364

Monochromacy



Original Color

66.6416, 0.3847, 0.3741

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5273, 0.3372, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6416, 0.3847, 0.3741 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(253, 204, 161)` looks like.

```
.text, #text, p{  
    color:rgb(253, 204, 161)  
}
```

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(253, 204, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 204, 161) }
```

Border

The CSS property to change the border of an element to Yxy 66.6416, 0.3847, 0.3741 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(253, 204, 161) }
```

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

```
.border{ border-color:rgb(253, 204, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 204, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 204, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 204, 161);  
box-shadow:4px 4px 4px 4px rgb(253, 204,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6416, 0.3847, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 204, 161) }
```

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

```
.background{ background-color: rgb(253,  
204, 161) }
```

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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