

Converting Colors

Yxy(67.0481, 0.3886, 0.3815)

Have a look what the booklet for
Yxy(67.0481, 0.3886, 0.3815)
contains.

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Color

Yxy(66.9118, 0.3889, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	FDCD9B
RGB	253, 205, 155
RGB Percent	99%, 80%, 61%
CMY	0.0080, 0.1960, 0.3922
CMYK	0.00, 0.19, 0.39, 0.01
HSL	31°, 96%, 80%
HSV	31°, 39%, 99%
XYZ	68.2455, 66.9118, 40.3261
YIQ	213.6520, 44.6580, -5.3740

Conversions

Conversions Part 2

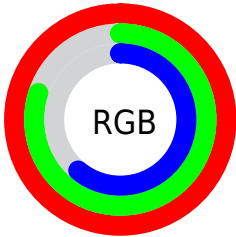
Format	Color
R _Y B	249, 253, 155
Decimal	16633243
CIE Lab	85.46, 10.40, 31.30
CIE LCh	85, 32.986, 71.615
Yxy	66.9118, 0.3889, 0.3813
Android (android.graphics.Color)	4294823323 (0xFFFD9B)
YUV	213.6520, -28.9154, 34.5082
Hunter-Lab	81.7996, 5.7733, 28.0306

Details

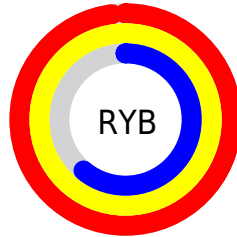
The Yxy color **66.9118, 0.3889, 0.3813** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.7405, 0.2499, 0.2697**, and the grayscale version is **67.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **34.7146, 0.4076, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **60.4612, 0.4142, 0.3944**, and if you desaturate by 10%, it is **74.0154, 0.3658, 0.3674**.

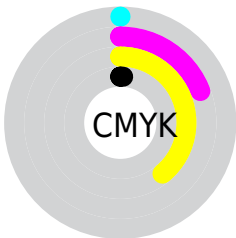
Distribution



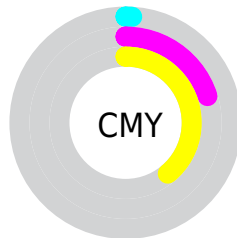
- Red (99%)
- Green (80%)
- Blue (61%)



- Red (98%)
- Yellow (99%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (1%)





- Cyan (1%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9118, 0.3889, 0.3813 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 66.9118, 0.3889, 0.3813 by changing the saturation by 10% instead.


 66.9118, 0.3889,
0.3813


 66.9118, 0.3889,
0.3813

449.6308, 0.3532,
0.3579

 49.0130, 0.3971,
0.3863


 114.7940, 0.3765,
0.3734

 34.6298, 0.4071,
0.3924


 145.5462, 0.3716,
0.3702

 23.3778, 0.4197,
0.3997


181.3516, 0.3675,
0.3675

 14.8727, 0.4359,
0.4085

222.5946, 0.3639,
0.3651

 8.7301, 0.4571,
0.4192

269.6596, 0.3607,
0.3630

 4.5656, 0.4857,
0.4312

322.9311, 0.3579,

 1.9947, 0.5426,

0.3611

0.4574

382.7933, 0.3554,
0.3594

0.6044, 0.5782,
0.4218

0.0000, 0.0000,
0.0000

66.9118, 0.3889,
0.3813

66.9118, 0.3889,
0.3813

60.4612, 0.4142,
0.3944

74.0154, 0.3658,
0.3674

54.6321, 0.4411,
0.4058

81.7831, 0.3451,
0.3536

49.4040, 0.4685,
0.4141

90.2378, 0.3268,
0.3401

44.7511, 0.4948,
0.4181

99.3216, 0.3115,
0.3286

■ 40.6445, 0.5184, 99.6158, 0.3115,
0.4168 0.3290

■ 37.0471, 0.5380,
0.4102

■ 36.6213, 0.5404,
0.4091

Harmonies

Analogous

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



66.9118, 0.3932, 0.3510



66.9118, 0.3889, 0.3813



66.9118, 0.3634, 0.4003

Triad

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



66.9118, 0.3889, 0.3813



66.9118, 0.2540, 0.3364



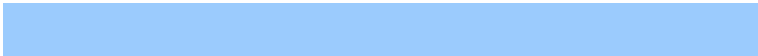
66.9118, 0.2960, 0.2690

Complementary

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



66.9118, 0.3889, 0.3813



56.7405, 0.2499, 0.2697

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.



66.9118, 0.2614, 0.2628



66.9118, 0.3889, 0.3813



66.9118, 0.2384, 0.2985

Square

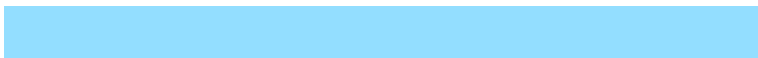
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.9118, 0.3889, 0.3813



66.9118, 0.2853, 0.3750



66.9118, 0.2410, 0.2726



66.9118, 0.3376, 0.2886

Rectangle

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



66.9118, 0.3889, 0.3813



66.9118, 0.3387, 0.4022



66.9118, 0.2410, 0.2726



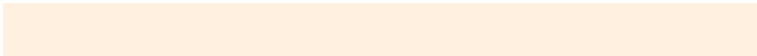
66.9118, 0.2832, 0.2653

Sweetspot

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



66.9149, 0.3889, 0.3813



88.9986, 0.3325, 0.3445



48.6758, 0.3607, 0.2782



18.8064, 0.3349, 0.3462



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.



66.9149, 0.3889, 0.3813



63.2904, 0.4072, 0.3910



93.4698, 0.3710, 0.4254



19.5207, 0.3281, 0.3412



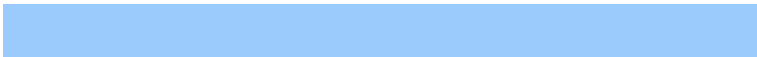
19.7803, 0.5379, 0.4111



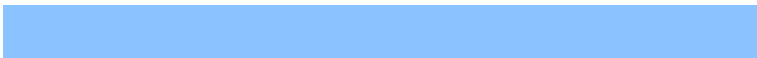
2.1447, 0.5208, 0.4247

Inverse Universe

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



56.7405, 0.2499, 0.2697



51.6742, 0.2380, 0.2561



37.4990, 0.2409, 0.2103



18.8455, 0.2979, 0.3165



11.7057, 0.1761, 0.1538



1.3576, 0.1819, 0.1747

Previews

White Background



This preview shows how the Yxy color 66.9118, 0.3889, 0.3813 looks on a white background.

Color Contrast Check

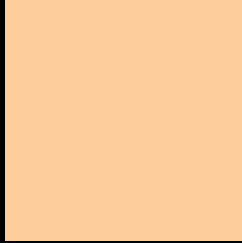
Large Text (above 18pt) WCAG AA × Fail

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 66.9118, 0.3889, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

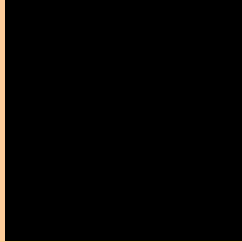
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9118, 0.3889, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 66.9118, 0.3889, 0.3813.



This preview shows how white text looks on a background with the Yxy color 66.9118, 0.3889, 0.3813.

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

66.9118, 0.3889, 0.3813

Protanopia

67.2544, 0.3633, 0.3902

Deuteranopia

66.9118, 0.3889, 0.3813



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

66.9118, 0.3889, 0.3813

Protanomaly

67.2343, 0.3723, 0.3867

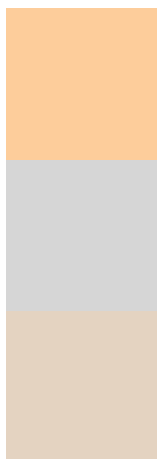
Deuteranomaly

66.9118, 0.3889, 0.3813

Tritanomaly

66.6499, 0.3620, 0.3385

Monochromacy



Original Color

66.9118, 0.3889, 0.3813

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9328, 0.3385, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9118, 0.3889, 0.3813 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, 205, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 205, 155)  
}
```

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, 205, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 205, 155) }
```

Border

The CSS property to change the border of an element to Yxy 66.9118, 0.3889, 0.3813 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, 205, 155) }
```

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

```
.border{ border-color:rgb(253, 205, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 205, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 205, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 205, 155); box-shadow:4px 4px 4px 4px rgb(253, 205, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9118, 0.3889, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 205, 155) }
```

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

```
.background{ background-color: rgb(253,  
205, 155) }
```

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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