

Converting Colors

$Yxy(68.2859, 0.3890, 0.3819)$

Have a look what the booklet for
Yxy(68.2859, 0.3890, 0.3819)
contains.

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Color

Yxy(68.2859, 0.3890, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF9C
RGB	255, 207, 156
RGB Percent	100%, 81%, 61%
CMY	0.0000, 0.1882, 0.3883
CMYK	0.00, 0.19, 0.39, 0.00
HSL	31°, 100%, 81%
HSV	31°, 39%, 100%
XYZ	69.5554, 68.2859, 40.9644
YIQ	215.5380, 44.9790, -5.6850

Conversions

Conversions Part 2

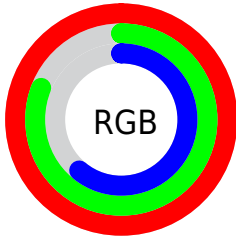
Format	Color
R _Y B	249, 255, 156
Decimal	16764828
CIE Lab	86.15, 10.28, 31.74
CIE LCh	86, 33.360, 72.057
Yxy	68.2859, 0.3890, 0.3819
Android (android.graphics.Color)	4294954908 (0xFFFFCF9C)
YUV	215.5380, -29.3522, 34.6082
Hunter-Lab	82.6353, 5.6345, 28.4532

Details

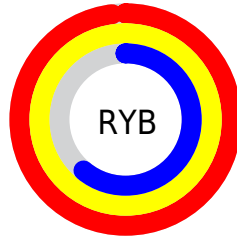
The Yxy color **68.2859, 0.3890, 0.3819** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.4696, 0.2496, 0.2689**, and the grayscale version is **68.5194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **35.6523, 0.4075, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **61.7547, 0.4142, 0.3951**, and if you desaturate by 10%, it is **75.4707, 0.3659, 0.3679**.

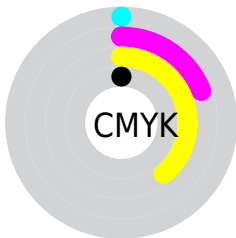
Distribution



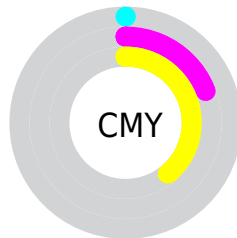
- Red (100%)
- Green (81%)
- Blue (61%)



- Red (98%)
- Yellow (100%)
- Blue (61%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2859, 0.3890, 0.3819 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 68.2859, 0.3890, 0.3819 by changing the saturation by 10% instead.


 68.2859, 0.3890,
0.3819

 68.2859, 0.3890,
0.3819

454.5083, 0.3534,
0.3583

 50.1304, 0.3971,
0.3870

 116.7611, 0.3766,
0.3739

 35.5170, 0.4070,
0.3930


 147.8495, 0.3718,
0.3708

 24.0614, 0.4195,
0.4003


184.0176, 0.3677,
0.3680

 15.3792, 0.4354,
0.4092

225.6499, 0.3641,
0.3656

 9.0859, 0.4563,
0.4198

273.1307, 0.3609,
0.3634

 4.7973, 0.4841,
0.4319

326.8445, 0.3581,

 2.1288, 0.5409,

0.3615

0.4591

387.1755, 0.3556,
0.3598

0.6808, 0.5691,
0.4309

0.0000, 0.0000,
0.0000

68.2859, 0.3890,
0.3819

68.2859, 0.3890,
0.3819

61.7547, 0.4142,
0.3951

75.4707, 0.3659,
0.3679

55.8502, 0.4409,
0.4065

83.3250, 0.3452,
0.3539

50.5501, 0.4681,
0.4149

91.8701, 0.3270,
0.3404

45.8284, 0.4942,
0.4190

100.0000, 0.3127,
0.3290

■ 41.6559, 0.5176,
0.4177

■ 37.9952, 0.5369,
0.4111

■ 37.5943, 0.5391,
0.4102

Harmonies

Analogous

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



68.2859, 0.3937, 0.3515



68.2859, 0.3890, 0.3819



68.2859, 0.3632, 0.4008

Triad

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



68.2859, 0.3890, 0.3819



68.2859, 0.2534, 0.3358



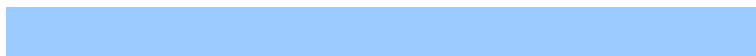
68.2859, 0.2965, 0.2689

Complementary

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



68.2859, 0.3890, 0.3819



57.4696, 0.2496, 0.2689

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.



68.2859, 0.2616, 0.2625



68.2859, 0.3890, 0.3819



68.2859, 0.2380, 0.2979

Square

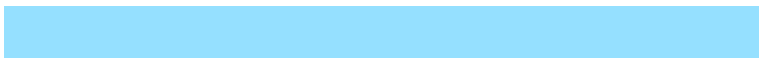
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2859, 0.3890, 0.3819



68.2859, 0.2846, 0.3747



68.2859, 0.2409, 0.2721



68.2859, 0.3383, 0.2889

Rectangle

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



68.2859, 0.3890, 0.3819



68.2859, 0.3382, 0.4025



68.2859, 0.2409, 0.2721



68.2859, 0.2836, 0.2651

Sweetspot

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



68.2875, 0.3890, 0.3819



89.0811, 0.3325, 0.3446



49.4675, 0.3609, 0.2780



18.8258, 0.3349, 0.3464



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.



68.2875, 0.3890, 0.3819



62.8995, 0.4095, 0.3928



95.1802, 0.3712, 0.4256



19.5350, 0.3281, 0.3413



19.9443, 0.5366, 0.4121



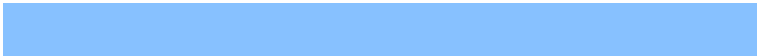
2.1607, 0.5196, 0.4256

Inverse Universe

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



57.4696, 0.2496, 0.2689



50.6350, 0.2363, 0.2535



38.0631, 0.2407, 0.2099



18.8313, 0.2979, 0.3164



11.5516, 0.1757, 0.1523



1.3424, 0.1815, 0.1733

Previews

White Background



This preview shows how the Yxy color 68.2859, 0.3890, 0.3819 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 68.2859, 0.3890, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

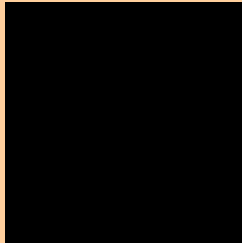
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2859, 0.3890, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 68.2859, 0.3890, 0.3819.



This preview shows how white text looks on a background with the Yxy color 68.2859, 0.3890, 0.3819.

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

68.2859, 0.3890, 0.3819

Protanopia

68.6387, 0.3636, 0.3908

Deuteranopia

68.3543, 0.3875, 0.3799



Tritanopia

68.4074, 0.3445, 0.3158

Trichromacy



Original Color

68.2859, 0.3890, 0.3819

Protanomaly

68.6170, 0.3724, 0.3873

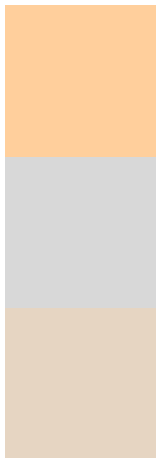
Deuteranomaly

68.3200, 0.3882, 0.3809

Tritanomaly

68.3408, 0.3605, 0.3395

Monochromacy



Original Color

68.2859, 0.3890, 0.3819

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3065, 0.3389, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2859, 0.3890, 0.3819 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, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 156)  
}
```

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, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 156) }
```

Border

The CSS property to change the border of an element to Yxy 68.2859, 0.3890, 0.3819 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, 207, 156) }
```

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

```
.border{ border-color:rgb(255, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2859, 0.3890, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 156) }
```

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

```
.background{ background-color: rgb(255,  
207, 156) }
```

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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