

Converting Colors

$Yxy(67.7863, 0.3887, 0.3911)$

Have a look what the booklet for
Yxy(67.7863, 0.3887, 0.3911)
contains.

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Color

Yxy(67.9106, 0.3885, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	F9D195
RGB	249, 209, 149
RGB Percent	98%, 82%, 58%
CMY	0.0236, 0.1803, 0.4156
CMYK	0.00, 0.16, 0.40, 0.02
HSL	36°, 89%, 78%
HSV	36°, 40%, 98%
XYZ	67.2871, 67.9106, 37.9995
YIQ	214.1200, 43.1000, -10.1800

Conversions

Conversions Part 2

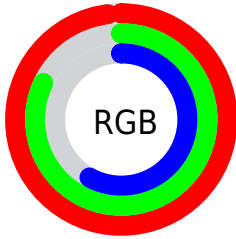
Format	Color
R _Y B	216, 249, 149
Decimal	16372117
CIE Lab	85.96, 6.13, 34.99
CIE LCh	86, 35.519, 80.057
Yxy	67.9106, 0.3885, 0.3921
Android (android.graphics.Color)	4294562197 (0xFFFF9D195)
YUV	214.1200, -32.1042, 30.5898
Hunter-Lab	82.4079, 1.5337, 30.3461

Details

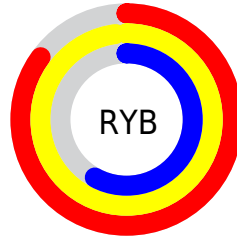
The Yxy color **67.9106, 0.3885, 0.3921** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.6137, 0.2458, 0.2558**, and the grayscale version is **67.5299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **35.3821, 0.4064, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **62.4685, 0.4115, 0.4071**, and if you desaturate by 10%, it is **73.8343, 0.3669, 0.3761**.

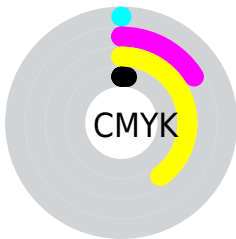
Distribution



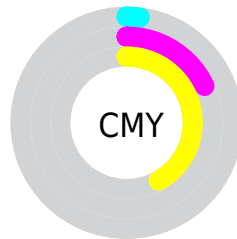
- Red (98%)
- Green (82%)
- Blue (58%)



- Red (85%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9106, 0.3885, 0.3921 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 67.9106, 0.3885, 0.3921 by changing the saturation by 10% instead.


 67.9106, 0.3885,
0.3921


 67.9106, 0.3885,
0.3921


453.1792, 0.3533,
0.3636

 49.8250, 0.3964,
0.3983


 116.2242, 0.3764,
0.3824

 35.2744, 0.4061,
0.4057


 147.2211, 0.3716,
0.3786

 23.8743, 0.4181,
0.4148


183.2905, 0.3675,
0.3753

 15.2404, 0.4332,
0.4258

224.8168, 0.3639,
0.3723

 8.9883, 0.4526,
0.4391

272.1844, 0.3608,
0.3698

 4.7335, 0.4786,
0.4556

325.7777, 0.3580,

 2.0918, 0.5200,

0.3675

0.4800

385.9812, 0.3555,
0.3654

0.6600, 0.5407,
0.4593

0.0000, 0.0000,
0.0000

67.9106, 0.3885,
0.3921

67.9106, 0.3885,
0.3921

62.4685, 0.4115,
0.4071

73.8343, 0.3669,
0.3761

57.4819, 0.4351,
0.4201

80.2453, 0.3470,
0.3600

52.9361, 0.4584,
0.4298

87.1612, 0.3290,
0.3442

48.8113, 0.4799,
0.4351

94.5958, 0.3129,
0.3292

■ 45.0848, 0.4986,
0.4351

■ 98.8757, 0.3090,
0.3290

■ 41.7709, 0.5138,
0.4303

Harmonies

Analogous

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



67.9106, 0.4003, 0.3619



67.9106, 0.3885, 0.3921



67.9106, 0.3562, 0.4077

Triad

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



67.9106, 0.3885, 0.3921



67.9106, 0.2434, 0.3245



67.9106, 0.3070, 0.2697

Complementary

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



67.9106, 0.3885, 0.3921



49.6137, 0.2458, 0.2558

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.



67.9106, 0.2669, 0.2587



67.9106, 0.3885, 0.3921



67.9106, 0.2323, 0.2868

Square

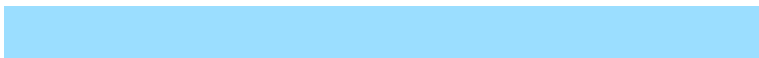
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9106, 0.3885, 0.3921



67.9106, 0.2725, 0.3677



67.9106, 0.2406, 0.2640



67.9106, 0.3515, 0.2939

Rectangle

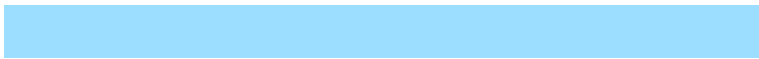
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9106, 0.3885, 0.3921



67.9106, 0.3282, 0.4053



67.9106, 0.2406, 0.2640



67.9106, 0.2925, 0.2644

Sweetspot

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



67.9138, 0.3885, 0.3921



90.6253, 0.3322, 0.3471



45.3084, 0.3732, 0.2866



19.1894, 0.3345, 0.3492



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.



67.9138, 0.3885, 0.3921



67.1174, 0.4066, 0.4041



88.2557, 0.3659, 0.4312



18.9583, 0.3279, 0.3432



22.6493, 0.5118, 0.4318



2.3051, 0.4978, 0.4430

Inverse Universe

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



49.6137, 0.2458, 0.2558



45.4389, 0.2322, 0.2382



35.7086, 0.2448, 0.2075



17.7818, 0.2979, 0.3144



8.7529, 0.1683, 0.1259



1.0117, 0.1748, 0.1494

Previews

White Background



This preview shows how the Yxy color 67.9106, 0.3885, 0.3921 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 67.9106, 0.3885, 0.3921 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 67.9106, 0.3885, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 67.9106, 0.3885, 0.3921.



This preview shows how white text looks on a background with the Yxy color 67.9106, 0.3885, 0.3921.

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

67.9106, 0.3885, 0.3921

Protanopia

68.0237, 0.3704, 0.3983

Deuteranopia

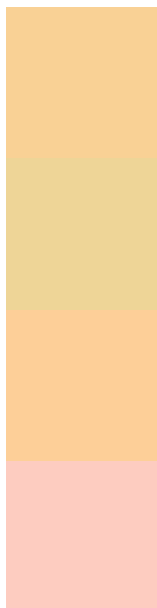
67.7025, 0.3917, 0.3840



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

67.9106, 0.3885, 0.3921

Protanomaly

68.0000, 0.3766, 0.3962

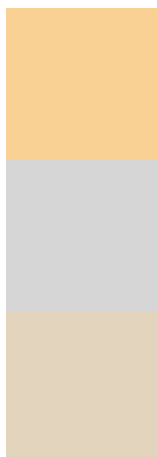
Deuteranomaly

67.7753, 0.3904, 0.3863

Tritanomaly

67.8741, 0.3604, 0.3416

Monochromacy



Original Color

67.9106, 0.3885, 0.3921

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1356, 0.3397, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9106, 0.3885, 0.3921 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(249, 209, 149)` looks like.

```
.text, #text, p{  
    color:rgb(249, 209, 149)  
}
```

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(249, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 209, 149) }
```

Border

The CSS property to change the border of an element to Yxy 67.9106, 0.3885, 0.3921 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(249, 209, 149) }
```

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

```
.border{ border-color:rgb(249, 209, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 209, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 209, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 209, 149);  
box-shadow:4px 4px 4px 4px rgb(249, 209,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9106, 0.3885, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 209, 149) }
```

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

```
.background{ background-color: rgb(249,  
209, 149) }
```

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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