

Converting Colors

$Yxy(68.3495, 0.3850, 0.3870)$

Have a look what the booklet for
Yxy(68.3495, 0.3850, 0.3870)
contains.

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Color

Yxy(68.2580, 0.3856, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	FAD19A
RGB	250, 209, 154
RGB Percent	98%, 82%, 60%
CMY	0.0198, 0.1803, 0.3960
CMYK	0.00, 0.16, 0.38, 0.02
HSL	34°, 90%, 79%
HSV	34°, 38%, 98%
XYZ	68.0462, 68.2580, 40.1642
YIQ	214.9890, 42.0910, -8.4130

Conversions

Conversions Part 2

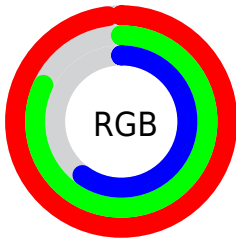
Format	Color
RYB	226, 250, 154
Decimal	16437658
CIELab	86.14, 7.05, 32.66
CIELCh	86, 33.413, 77.811
Yxy	68.2580, 0.3856, 0.3868
Android (android.graphics.Color)	4294627738 (0xFFFA19A)
YUV	214.9890, -30.0676, 30.7046
Hunter-Lab	82.6184, 2.4341, 29.0096

Details

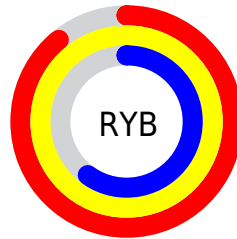
The Yxy color **68.2580, 0.3856, 0.3868** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7751, 0.2494, 0.2628**, and the grayscale version is **68.1332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **35.6085, 0.4028, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **62.4535, 0.4091, 0.4014**, and if you desaturate by 10%, it is **74.5926, 0.3637, 0.3714**.

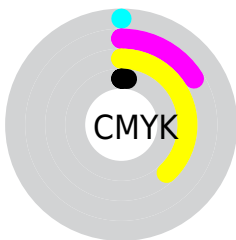
Distribution



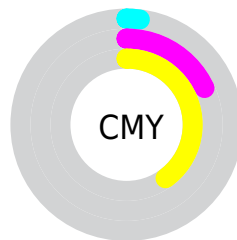
- Red (98%)
- Green (82%)
- Blue (60%)



- Red (89%)
- Yellow (98%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2580, 0.3856, 0.3868 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 68.2580, 0.3856, 0.3868 by changing the saturation by 10% instead.


 68.2580, 0.3856,
0.3868


 68.2580, 0.3856,
0.3868


454.4096, 0.3517,
0.3607

 50.1077, 0.3933,
0.3925


 116.7212, 0.3739,
0.3779

 35.4989, 0.4027,
0.3993


 147.8028, 0.3693,
0.3744

 24.0475, 0.4144,
0.4076


183.9636, 0.3653,
0.3714

 15.3688, 0.4294,
0.4178

225.5880, 0.3619,
0.3687

 9.0787, 0.4488,
0.4303

273.0604, 0.3589,
0.3664

 4.7925, 0.4743,
0.4451

326.7652, 0.3562,

 2.1260, 0.5245,

0.3643

0.4755

387.0868, 0.3538,
0.3624

0.6792, 0.5463,
0.4537

0.0000, 0.0000,
0.0000

68.2580, 0.3856,
0.3868

68.2580, 0.3856,
0.3868

62.4535, 0.4091,
0.4014

74.5926, 0.3637,
0.3714

57.1519, 0.4337,
0.4143

81.4642, 0.3439,
0.3559

52.3372, 0.4582,
0.4241

88.8916, 0.3261,
0.3410

47.9886, 0.4815,
0.4297

96.8896, 0.3103,
0.3268

■ 44.0822, 0.5021,
0.4300

■ 99.0557, 0.3096,
0.3290

■ 40.5876, 0.5190,
0.4251

■ 40.0561, 0.5216,
0.4240

Harmonies

Analogous

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



68.2580, 0.3948, 0.3578



68.2580, 0.3856, 0.3868



68.2580, 0.3565, 0.4025

Triad

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



68.2580, 0.3856, 0.3868



68.2580, 0.2490, 0.3280



68.2580, 0.3043, 0.2717

Complementary

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



68.2580, 0.3856, 0.3868



52.7751, 0.2494, 0.2628

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.



68.2580, 0.2672, 0.2625



68.2580, 0.3856, 0.3868



68.2580, 0.2370, 0.2917

Square

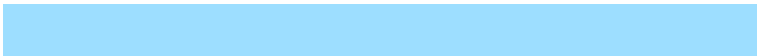
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2580, 0.3856, 0.3868



68.2580, 0.2776, 0.3680



68.2580, 0.2435, 0.2689



68.2580, 0.3462, 0.2939

Rectangle

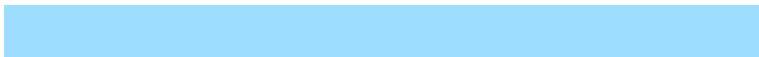
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.2580, 0.3856, 0.3868



68.2580, 0.3305, 0.4012



68.2580, 0.2435, 0.2689



68.2580, 0.2909, 0.2670

Sweetspot

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



68.2612, 0.3856, 0.3868



90.1352, 0.3323, 0.3463



47.3971, 0.3663, 0.2852



19.0739, 0.3346, 0.3483



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.



68.2612, 0.3856, 0.3868



66.7282, 0.4035, 0.3981



89.8312, 0.3660, 0.4261



18.8778, 0.3280, 0.3426



21.5469, 0.5195, 0.4257



2.2058, 0.5042, 0.4378

Inverse Universe

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



52.7751, 0.2494, 0.2628



48.4546, 0.2363, 0.2467



37.5295, 0.2461, 0.2129



17.8605, 0.2979, 0.3150



9.4726, 0.1706, 0.1340



1.0827, 0.1770, 0.1571

Previews

White Background



This preview shows how the Yxy color 68.2580, 0.3856, 0.3868 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 68.2580, 0.3856, 0.3868 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 68.2580, 0.3856, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 68.2580, 0.3856, 0.3868.



This preview shows how white text looks on a background with the Yxy color 68.2580, 0.3856, 0.3868.

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

68.2580, 0.3856, 0.3868

Protanopia

68.1910, 0.3668, 0.3929

Deuteranopia

68.3200, 0.3882, 0.3809



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.2580, 0.3856, 0.3868

Protanomaly

68.3395, 0.3738, 0.3907

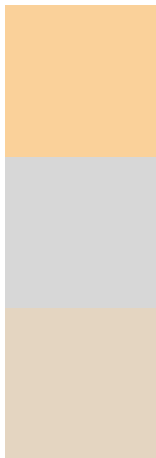
Deuteranomaly

68.3947, 0.3870, 0.3832

Tritanomaly

67.9186, 0.3597, 0.3406

Monochromacy



Original Color

68.2580, 0.3856, 0.3868

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9327, 0.3381, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2580, 0.3856, 0.3868 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(250, 209, 154)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 154)  
}
```

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(250, 209, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 154) }
```

Border

The CSS property to change the border of an element to Yxy 68.2580, 0.3856, 0.3868 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(250, 209, 154) }
```

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

```
.border{ border-color:rgb(250, 209, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 154);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2580, 0.3856, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 154) }
```

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

```
.background{ background-color: rgb(250,  
209, 154) }
```

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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