

Converting Colors

$Yxy(68.3042, 0.3866, 0.3949)$

Have a look what the booklet for
Yxy(68.3042, 0.3866, 0.3949)
contains.

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Color

Yxy(68.5008, 0.3868, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	F7D394
RGB	247, 211, 148
RGB Percent	97%, 83%, 58%
CMY	0.0314, 0.1725, 0.4196
CMYK	0.00, 0.15, 0.40, 0.03
HSL	38°, 86%, 77%
HSV	38°, 40%, 97%
XYZ	66.9940, 68.5008, 37.7058
YIQ	214.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

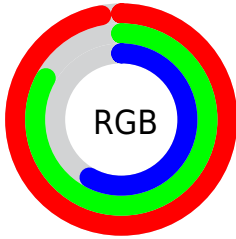
Format	Color
R _Y B	205, 247, 148
Decimal	16241556
CIE Lab	86.26, 4.22, 35.86
CIE LCh	86, 36.104, 83.295
Yxy	68.5008, 0.3868, 0.3955
Android (android.graphics.Color)	4294431636 (0xFFF7D394)
YUV	214.5820, -32.8249, 28.4306
Hunter-Lab	82.7652, -0.3530, 30.9246

Details

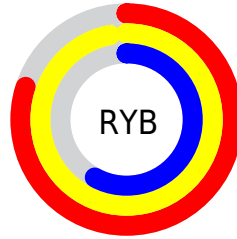
The Yxy color **68.5008, 0.3868, 0.3955** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.2805, 0.2453, 0.2514**, and the grayscale version is **67.8635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **35.7773, 0.4038, 0.4110** is the 20% darker color. If you saturate the color by 10%, you get **63.4668, 0.4088, 0.4113**, and if you desaturate by 10%, it is **73.9572, 0.3659, 0.3787**.

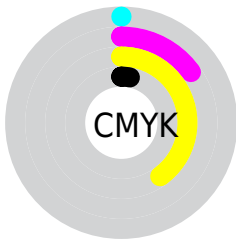
Distribution



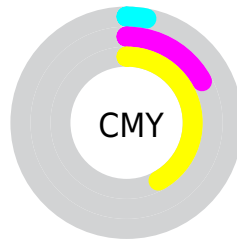
- Red (97%)
- Green (83%)
- Blue (58%)



- Red (80%)
- Yellow (97%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5008, 0.3868, 0.3955 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 68.5008, 0.3868, 0.3955 by changing the saturation by 10% instead.


 68.5008, 0.3868,
0.3955


 68.5008, 0.3868,
0.3955


455.2683, 0.3525,
0.3653

 50.3053, 0.3945,
0.4021


 117.0683, 0.3750,
0.3852

 35.6560, 0.4038,
0.4100


 148.2090, 0.3704,
0.3812

 24.1686, 0.4153,
0.4197


184.4336, 0.3664,
0.3777

 15.4588, 0.4298,
0.4315

226.1265, 0.3629,
0.3746

 9.1420, 0.4481,
0.4459

273.6720, 0.3599,
0.3718

 4.8339, 0.4726,
0.4642

327.4545, 0.3571,

 2.1501, 0.5097,

0.3694

0.4903

387.8585, 0.3547,
0.3673

0.6926, 0.5236,
0.4764

0.0000, 0.0000,
0.0000

68.5008, 0.3868,
0.3955

68.5008, 0.3868,
0.3955

63.4668, 0.4088,
0.4113

73.9572, 0.3659,
0.3787

58.8308, 0.4311,
0.4250

79.8400, 0.3465,
0.3616

54.5799, 0.4528,
0.4355

86.1654, 0.3288,
0.3450

50.6963, 0.4726,
0.4416

92.9454, 0.3128,
0.3291

■ 47.1592, 0.4896,
0.4424

■ 98.5120, 0.3078,
0.3290

■ 43.9616, 0.5033,
0.4386

Harmonies

Analogous

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



68.5008, 0.4014, 0.3659



68.5008, 0.3868, 0.3955



68.5008, 0.3523, 0.4092

Triad

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



68.5008, 0.3868, 0.3955



68.5008, 0.2404, 0.3198



68.5008, 0.3117, 0.2710

Complementary

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



68.5008, 0.3868, 0.3955



47.2805, 0.2453, 0.2514

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.



68.5008, 0.2701, 0.2583



68.5008, 0.3868, 0.3955



68.5008, 0.2312, 0.2828

Square

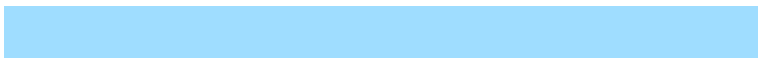
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5008, 0.3868, 0.3955



68.5008, 0.2680, 0.3637



68.5008, 0.2417, 0.2617



68.5008, 0.3566, 0.2967

Rectangle

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



68.5008, 0.3868, 0.3955



68.5008, 0.3235, 0.4048



68.5008, 0.2417, 0.2617



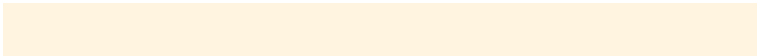
68.5008, 0.2969, 0.2651

Sweetspot

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



68.5040, 0.3868, 0.3955



91.2920, 0.3321, 0.3482



44.4238, 0.3764, 0.2902



19.3465, 0.3343, 0.3503



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.



68.5040, 0.3868, 0.3955



69.2904, 0.4043, 0.4083



86.1092, 0.3634, 0.4319



18.2416, 0.3278, 0.3440



23.5319, 0.5015, 0.4400



2.2632, 0.4885, 0.4503

Inverse Universe

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



47.2805, 0.2453, 0.2514



43.6519, 0.2311, 0.2324



35.4909, 0.2474, 0.2085



16.9127, 0.2980, 0.3135



7.6441, 0.1655, 0.1158



0.8602, 0.1724, 0.1407

Previews

White Background



This preview shows how the Yxy color 68.5008, 0.3868, 0.3955 looks on a white background.

Color Contrast Check

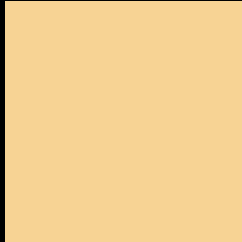
Large Text (above 18pt) WCAG AA × Fail

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 68.5008, 0.3868, 0.3955 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 68.5008, 0.3868, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 68.5008, 0.3868, 0.3955.



This preview shows how white text looks on a background with the Yxy color 68.5008, 0.3868, 0.3955.

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

68.5008, 0.3868, 0.3955

Protanopia

68.6374, 0.3722, 0.4013

Deuteranopia

68.2522, 0.3897, 0.3829



Tritanopia

68.3738, 0.3415, 0.3128

Trichromacy



Original Color

68.5008, 0.3868, 0.3955

Protanomaly

68.4402, 0.3777, 0.3993

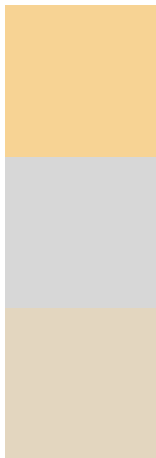
Deuteranomaly

68.0742, 0.3892, 0.3875

Tritanomaly

68.0221, 0.3578, 0.3417

Monochromacy



Original Color

68.5008, 0.3868, 0.3955

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1856, 0.3386, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5008, 0.3868, 0.3955 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(247, 211, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 148)  
}
```

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(247, 211, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 148) }
```

Border

The CSS property to change the border of an element to Yxy 68.5008, 0.3868, 0.3955 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(247, 211, 148) }
```

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

```
.border{ border-color:rgb(247, 211, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 211, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5008, 0.3868, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 148) }
```

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

```
.background{ background-color: rgb(247,  
211, 148) }
```

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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