

Converting Colors

$Yxy(67.9774, 0.3912, 0.4053)$

Have a look what the booklet for
Yxy(67.9774, 0.3912, 0.4053)
contains.

Yxy(67.8651, 0.3916, 0.4051)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.8651, 0.3916, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	F5D38B
RGB	245, 211, 139
RGB Percent	96%, 83%, 55%
CMY	0.0393, 0.1725, 0.4550
CMYK	0.00, 0.14, 0.43, 0.04
HSL	41°, 84%, 75%
HSV	41°, 43%, 96%
XYZ	65.6035, 67.8651, 34.0582
YIQ	212.9580, 43.3760, -15.1840

Conversions

Conversions Part 2

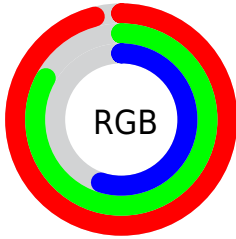
Format	Color
R _Y B	189, 245, 139
Decimal	16110475
CIE Lab	85.94, 2.48, 39.99
CIE LCh	86, 40.070, 86.447
Yxy	67.8651, 0.3916, 0.4051
Android (android.graphics.Color)	4294300555 (0xFFFF5D38B)
YUV	212.9580, -36.4613, 28.1008
Hunter-Lab	82.3803, -2.0171, 33.1541

Details

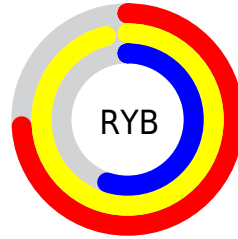
The Yxy color **67.8651, 0.3916, 0.4051** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9421, 0.2386, 0.2380**, and the grayscale version is **66.7360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **35.3833, 0.4087, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **63.4251, 0.4125, 0.4212**, and if you desaturate by 10%, it is **72.6624, 0.3712, 0.3876**.

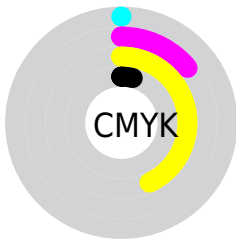
Distribution



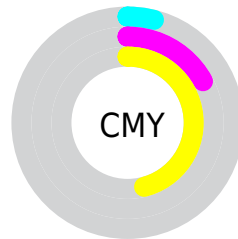
- Red (96%)
- Green (83%)
- Blue (55%)



- Red (74%)
- Yellow (96%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8651, 0.3916, 0.4051 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 67.8651, 0.3916, 0.4051 by changing the saturation by 10% instead.


 67.8651, 0.3916,
0.4051

 67.8651, 0.3916,
0.4051


453.0179, 0.3553,
0.3705


 49.7880, 0.3996,
0.4126


 116.1591, 0.3792,
0.3934

 35.2450, 0.4092,
0.4216


 147.1449, 0.3743,
0.3887

 23.8516, 0.4210,
0.4325


 183.2022, 0.3701,
0.3847

 15.2236, 0.4355,
0.4457

224.7157, 0.3664,
0.3811

 8.9765, 0.4534,
0.4615

272.0696, 0.3631,
0.3780

 4.7258, 0.4806,
0.4854

325.6483, 0.3602,

 2.0873, 0.5007,

0.3752

0.4993

385.8363, 0.3577,
0.3728

0.6575, 0.5104,
0.4896

0.0000, 0.0000,
0.0000

67.8651, 0.3916,
0.4051

67.8651, 0.3916,
0.4051

63.4251, 0.4125,
0.4212

72.6624, 0.3712,
0.3876

59.3192, 0.4331,
0.4349

77.8198, 0.3519,
0.3695

55.5357, 0.4525,
0.4449

83.3523, 0.3340,
0.3516

52.0578, 0.4695,
0.4502

89.2706, 0.3177,
0.3344

■ 48.8653, 0.4835,
0.4504

■ 95.1617, 0.3067,
0.3244

■ 46.8587, 0.4913,
0.4481

■ 98.1485, 0.3066,
0.3290

Harmonies

Analogous

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



67.8651, 0.4110, 0.3731



67.8651, 0.3916, 0.4051



67.8651, 0.3514, 0.4187

Triad

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



67.8651, 0.3916, 0.4051



67.8651, 0.2307, 0.3133



67.8651, 0.3167, 0.2675

Complementary

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



67.8651, 0.3916, 0.4051



41.9421, 0.2386, 0.2380

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.



67.8651, 0.2696, 0.2518



67.8651, 0.3916, 0.4051



67.8651, 0.2231, 0.2741

Square

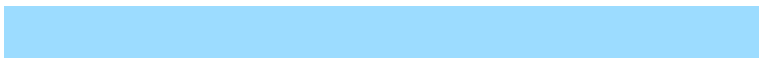
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8651, 0.3916, 0.4051



67.8651, 0.2589, 0.3627



67.8651, 0.2367, 0.2533



67.8651, 0.3663, 0.2967

Rectangle

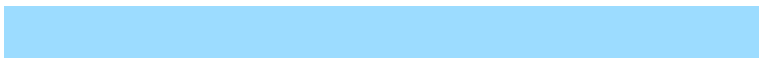
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8651, 0.3916, 0.4051



67.8651, 0.3191, 0.4122



67.8651, 0.2367, 0.2533



67.8651, 0.3000, 0.2605

Sweetspot

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



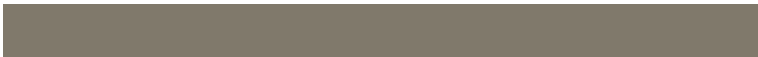
67.8683, 0.3916, 0.4051



91.4555, 0.3336, 0.3512



40.9353, 0.3877, 0.2909



19.2801, 0.3374, 0.3551



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.



67.8683, 0.3916, 0.4051



70.0203, 0.4101, 0.4195



83.5363, 0.3645, 0.4408



18.3659, 0.3277, 0.3450



25.5100, 0.4898, 0.4493



2.4272, 0.4788, 0.4581

Inverse Universe

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



41.9421, 0.2386, 0.2380



38.2554, 0.2226, 0.2152



32.1823, 0.2438, 0.1984



16.7934, 0.2980, 0.3124



6.7458, 0.1624, 0.1046



0.7709, 0.1692, 0.1292

Previews

White Background



This preview shows how the Yxy color 67.8651, 0.3916, 0.4051 looks on a white background.

Color Contrast Check

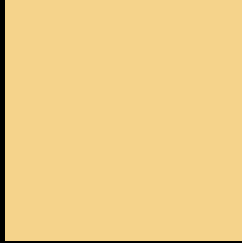
Large Text (above 18pt) WCAG AA × Fail

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 67.8651, 0.3916, 0.4051 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 67.8651, 0.3916, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 67.8651, 0.3916, 0.4051.



This preview shows how white text looks on a background with the Yxy color 67.8651, 0.3916, 0.4051.

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

67.8651, 0.3916, 0.4051

Protanopia

68.0164, 0.3796, 0.4096

Deuteranopia

67.5725, 0.3947, 0.3880



Tritanopia

67.6657, 0.3416, 0.3127

Trichromacy



Original Color

67.8651, 0.3916, 0.4051

Protanomaly

68.1637, 0.3839, 0.4087

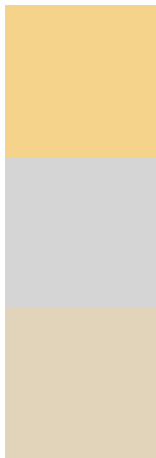
Deuteranomaly

67.6653, 0.3935, 0.3948

Tritanomaly

67.6608, 0.3601, 0.3459

Monochromacy



Original Color

67.8651, 0.3916, 0.4051

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6397, 0.3410, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8651, 0.3916, 0.4051 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(245, 211, 139)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 139)  
}
```

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(245, 211, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 139) }
```

Border

The CSS property to change the border of an element to Yxy 67.8651, 0.3916, 0.4051 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(245, 211, 139) }
```

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

```
.border{ border-color:rgb(245, 211, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 211, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 211, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 211, 139); box-shadow:4px 4px 4px 4px rgb(245, 211, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8651, 0.3916, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 139) }
```

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

```
.background{ background-color: rgb(245,  
211, 139) }
```

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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