

Converting Colors

$Y_{xy}(67.9989, 0.4209, 0.3807)$

Have a look what the booklet for
Yxy(67.9989, 0.4209, 0.3807)
contains.

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Color

Yxy(63.6618, 0.4021, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	FFC690
RGB	255, 198, 144
RGB Percent	100%, 78%, 56%
CMY	0.0000, 0.2235, 0.4352
CMYK	0.00, 0.22, 0.44, 0.00
HSL	29°, 100%, 78%
HSV	29°, 44%, 100%
XYZ	66.4721, 63.6618, 35.1785
YIQ	208.8870, 51.3060, -4.7100

Conversions

Conversions Part 2

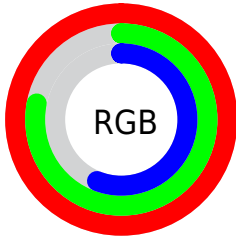
Format	Color
R _Y B	255, 249, 144
Decimal	16762512
CIE Lab	83.79, 13.69, 34.81
CIE LCh	84, 37.409, 68.534
Yxy	63.6618, 0.4021, 0.3851
Android (android.graphics.Color)	4294952592 (0xFFFFC690)
YUV	208.8870, -31.9893, 40.4411
Hunter-Lab	79.7883, 9.0797, 29.7110

Details

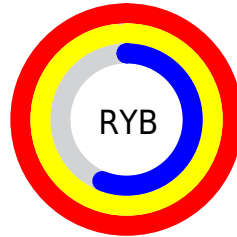
The Yxy color **63.6618, 0.4021, 0.3851** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9348, 0.2426, 0.2642**, and the grayscale version is **63.8717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **32.4726, 0.4234, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **57.2383, 0.4291, 0.3969**, and if you desaturate by 10%, it is **70.7816, 0.3773, 0.3721**.

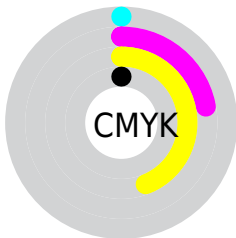
Distribution



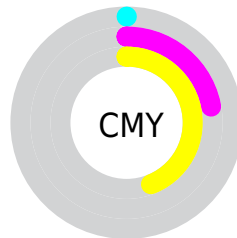
- Red (100%)
- Green (78%)
- Blue (56%)



- Red (100%)
- Yellow (98%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6618, 0.4021, 0.3851 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 63.6618, 0.4021, 0.3851 by changing the saturation by 10% instead.


 63.6618, 0.4021,
0.3851


 63.6618, 0.4021,
0.3851

437.9673, 0.3599,
0.3602

 46.3768, 0.4118,
0.3903


 110.1237, 0.3874,
0.3768

 32.5433, 0.4236,
0.3965


 140.0695, 0.3817,
0.3735

 21.7768, 0.4385,
0.4037


175.0042, 0.3768,
0.3706

 13.6930, 0.4575,
0.4121

215.3124, 0.3725,
0.3680

 7.9074, 0.4822,
0.4214

261.3784, 0.3688,
0.3657

 4.0358, 0.5194,
0.4340

313.5866, 0.3654,

 1.6936, 0.5629,

0.3637

0.4371

372.3215, 0.3625,
0.3619

0.4195, 0.6360,
0.3640

0.0000, 0.0000,
0.0000

63.6618, 0.4021,
0.3851

63.6618, 0.4021,
0.3851

57.2383, 0.4291,
0.3969

70.7816, 0.3773,
0.3721

51.4824, 0.4574,
0.4065

78.6175, 0.3550,
0.3588

46.3682, 0.4857,
0.4123

87.1928, 0.3354,
0.3457

41.8660, 0.5122,
0.4134

96.5286, 0.3182,
0.3332

■ 37.9418, 0.5350,
0.4088

100.0000, 0.3127,
0.3290

■ 35.6827, 0.5477,
0.4033

Harmonies

Analogous

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



63.6618, 0.4047, 0.3495



63.6618, 0.4021, 0.3851



63.6618, 0.3745, 0.4097

Triad

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



63.6618, 0.4021, 0.3851



63.6618, 0.2482, 0.3421



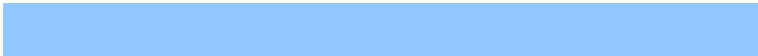
63.6618, 0.2886, 0.2592

Complementary

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



63.6618, 0.4021, 0.3851



54.9348, 0.2426, 0.2642

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.



63.6618, 0.2506, 0.2538



63.6618, 0.4021, 0.3851



63.6618, 0.2288, 0.2973

Square

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



63.6618, 0.4021, 0.3851



63.6618, 0.2852, 0.3866



63.6618, 0.2297, 0.2663



63.6618, 0.3362, 0.2801

Rectangle

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



63.6618, 0.4021, 0.3851



63.6618, 0.3468, 0.4144



63.6618, 0.2297, 0.2663



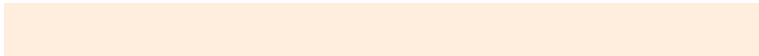
63.6618, 0.2744, 0.2555

Sweetspot

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



63.6630, 0.4021, 0.3851



87.6597, 0.3344, 0.3450



45.4475, 0.3673, 0.2701



18.3420, 0.3385, 0.3479



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.



63.6630, 0.4021, 0.3851



58.1714, 0.4248, 0.3953



93.6199, 0.3784, 0.4350



19.4455, 0.3282, 0.3406



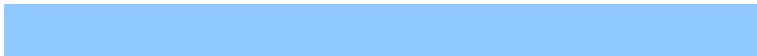
18.9414, 0.5451, 0.4054



2.0620, 0.5269, 0.4198

Inverse Universe

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



54.9348, 0.2426, 0.2642



48.4327, 0.2294, 0.2488



33.6699, 0.2308, 0.1952



18.9207, 0.2979, 0.3171



12.5507, 0.1783, 0.1619



1.4408, 0.1839, 0.1821

Previews

White Background



This preview shows how the Yxy color 63.6618, 0.4021, 0.3851 looks on a white background.

Color Contrast Check

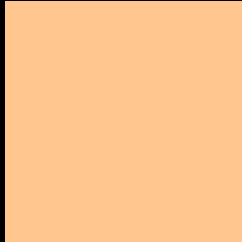
Large Text (above 18pt) WCAG AA × Fail

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 63.6618, 0.4021, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

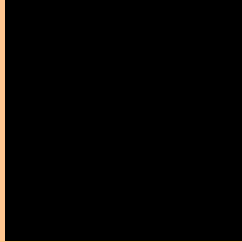
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6618, 0.4021, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 63.6618, 0.4021, 0.3851.



This preview shows how white text looks on a background with the Yxy color 63.6618, 0.4021, 0.3851.

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

63.6618, 0.4021, 0.3851

Protanopia

63.7784, 0.3689, 0.3969

Deuteranopia

63.6462, 0.3970, 0.3881



Tritanopia

63.8077, 0.3541, 0.3167

Trichromacy



Original Color

63.6618, 0.4021, 0.3851

Protanomaly

63.6021, 0.3810, 0.3928

Deuteranomaly

63.5559, 0.3992, 0.3867

Tritanomaly

63.7091, 0.3717, 0.3417

Monochromacy



Original Color

63.6618, 0.4021, 0.3851

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3342, 0.3439, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6618, 0.4021, 0.3851 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, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 144)  
}
```

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, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 144) }
```

Border

The CSS property to change the border of an element to Yxy 63.6618, 0.4021, 0.3851 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, 198, 144) }
```

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

```
.border{ border-color:rgb(255, 198, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6618, 0.4021, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 144) }
```

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

```
.background{ background-color: rgb(255,  
198, 144) }
```

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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