

Converting Colors

$Yxy(62.9423, 0.3798, 0.3768)$

Have a look what the booklet for
Yxy(62.9423, 0.3798, 0.3768)
contains.

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Color

Yxy(63.0849, 0.3799, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	F2C99D
RGB	242, 201, 157
RGB Percent	95%, 79%, 62%
CMY	0.0510, 0.2117, 0.3845
CMYK	0.00, 0.17, 0.35, 0.05
HSL	31°, 77%, 78%
HSV	31°, 35%, 95%
XYZ	63.5870, 63.0849, 40.7064
YIQ	208.2430, 38.5600, -4.9920

Conversions

Conversions Part 2

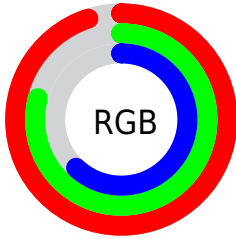
Format	Color
R_{YB}	236, 242, 157
Decimal	15911325
CIE _{Lab}	83.49, 8.48, 27.45
CIE _{LCh}	83, 28.730, 72.839
Yxy	63.0849, 0.3799, 0.3769
Android (android.graphics.Color)	4294101405 (0xFFFF2C99D)
YUV	208.2430, -25.2628, 29.6049
Hunter-Lab	79.4260, 3.9084, 25.2116

Details

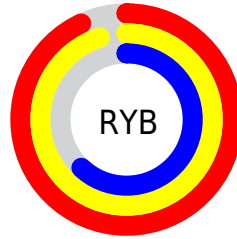
The Yxy color **63.0849, 0.3799, 0.3769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.9406, 0.2559, 0.2755**, and the grayscale version is **63.3906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **32.2016, 0.3973, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **57.1078, 0.4042, 0.3905**, and if you desaturate by 10%, it is **69.6446, 0.3578, 0.3628**.

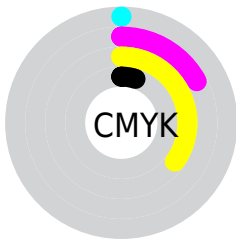
Distribution



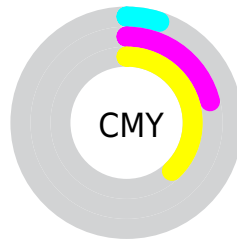
- Red (95%)
- Green (79%)
- Blue (62%)



- Red (93%)
- Yellow (95%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0849, 0.3799, 0.3769 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 63.0849, 0.3799, 0.3769 by changing the saturation by 10% instead.


 63.0849, 0.3799,
0.3769


 63.0849, 0.3799,
0.3769


435.8775, 0.3480,
0.3550

 45.9099, 0.3873,
0.3818


 109.2920, 0.3687,
0.3694

 32.1747, 0.3965,
0.3877


 139.0929, 0.3644,
0.3664

 21.4950, 0.4081,
0.3949


173.8711, 0.3607,
0.3639

 13.4863, 0.4233,
0.4039

214.0112, 0.3575,
0.3616

 7.7643, 0.4437,
0.4153

259.8975, 0.3547,
0.3597

 3.9445, 0.4718,
0.4290

311.9144, 0.3522,

 1.6426, 0.5357,

0.3579

0.4643

370.4463, 0.3500,
0.3564

0.3860, 0.5978,
0.4022

0.0000, 0.0000,
0.0000

63.0849, 0.3799,
0.3769

63.0849, 0.3799,
0.3769

57.1078, 0.4042,
0.3905

69.6446, 0.3578,
0.3628

51.6856, 0.4303,
0.4028

76.7958, 0.3381,
0.3489

46.8011, 0.4573,
0.4126

84.5583, 0.3208,
0.3356

42.4324, 0.4838,
0.4185

92.9481, 0.3056,
0.3230

■ 38.5552, 0.5082,
0.4195

■ 97.6167, 0.3047,
0.3290

■ 35.1416, 0.5289,
0.4149

■ 33.6333, 0.5378,
0.4112

Harmonies

Analogous

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



63.0849, 0.3844, 0.3502



63.0849, 0.3799, 0.3769



63.0849, 0.3568, 0.3927

Triad

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



63.0849, 0.3799, 0.3769



63.0849, 0.2595, 0.3343



63.0849, 0.2995, 0.2757

Complementary

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



63.0849, 0.3799, 0.3769



53.9406, 0.2559, 0.2755

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.



63.0849, 0.2680, 0.2697



63.0849, 0.3799, 0.3769



63.0849, 0.2460, 0.3010

Square

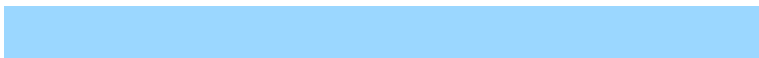
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0849, 0.3799, 0.3769



63.0849, 0.2871, 0.3684



63.0849, 0.2490, 0.2782



63.0849, 0.3364, 0.2938

Rectangle

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



63.0849, 0.3799, 0.3769



63.0849, 0.3347, 0.3935



63.0849, 0.2490, 0.2782



63.0849, 0.2879, 0.2722

Sweetspot

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



63.0878, 0.3799, 0.3769



89.9982, 0.3307, 0.3433



47.0585, 0.3560, 0.2846



19.0121, 0.3331, 0.3452



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.



63.0878, 0.3799, 0.3769



66.2851, 0.3967, 0.3865



84.5625, 0.3647, 0.4169



17.1133, 0.3280, 0.3412



18.3440, 0.5354, 0.4131



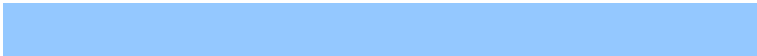
1.7253, 0.5160, 0.4285

Inverse Universe

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



53.9406, 0.2559, 0.2755



54.5946, 0.2444, 0.2627



37.8200, 0.2498, 0.2236



16.4861, 0.2980, 0.3164



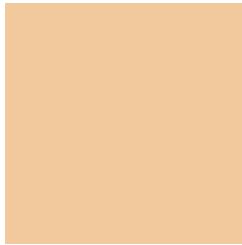
10.5052, 0.1755, 0.1519



1.0722, 0.1823, 0.1762

Previews

White Background



This preview shows how the Yxy color 63.0849, 0.3799, 0.3769 looks on a white background.

Color Contrast Check

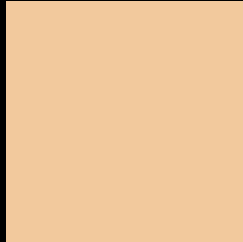
Large Text (above 18pt) WCAG AA × Fail

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 63.0849, 0.3799, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

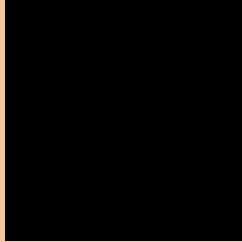
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0849, 0.3799, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 63.0849, 0.3799, 0.3769.



This preview shows how white text looks on a background with the Yxy color 63.0849, 0.3799, 0.3769.

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

63.0849, 0.3799, 0.3769

Protanopia

63.1794, 0.3587, 0.3840

Deuteranopia

63.1554, 0.3828, 0.3754



Tritanopia

63.1435, 0.3450, 0.3134

Trichromacy



Original Color

63.0849, 0.3799, 0.3769

Protanomaly

62.8239, 0.3661, 0.3808

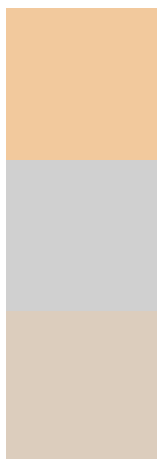
Deuteranomaly

62.9760, 0.3819, 0.3755

Tritanomaly

63.2430, 0.3580, 0.3366

Monochromacy



Original Color

63.0849, 0.3799, 0.3769

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5524, 0.3361, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0849, 0.3799, 0.3769 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(242, 201, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 157)  
}
```

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(242, 201, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 157) }
```

Border

The CSS property to change the border of an element to Yxy 63.0849, 0.3799, 0.3769 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(242, 201, 157) }
```

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

```
.border{ border-color:rgb(242, 201, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 201, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 201, 157); box-shadow:4px 4px 4px 4px rgb(242, 201, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0849, 0.3799, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 157) }
```

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

```
.background{ background-color: rgb(242,  
201, 157) }
```

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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