

Converting Colors

$Yxy(63.0791, 0.3845, 0.3618)$

Have a look what the booklet for
Yxy(63.0791, 0.3845, 0.3618)
contains.

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Color

Yxy(63.0791, 0.3845, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	FDC4A5
RGB	253, 196, 165
RGB Percent	99%, 77%, 65%
CMY	0.0079, 0.2313, 0.3530
CMYK	0.00, 0.23, 0.35, 0.01
HSL	21°, 96%, 82%
HSV	21°, 35%, 99%
XYZ	67.0368, 63.0791, 44.2321
YIQ	209.5090, 43.9230, 2.4430

Conversions

Conversions Part 2

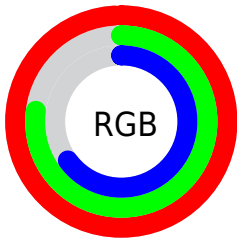
Format	Color
R _Y B	253, 213, 165
Decimal	16630949
CIE Lab	83.48, 16.26, 23.40
CIE LCh	83, 28.495, 55.207
Yxy	63.0791, 0.3845, 0.3618
Android (android.graphics.Color)	4294821029 (0xFFFDC4A5)
YUV	209.5090, -21.9429, 38.1416
Hunter-Lab	79.4224, 11.6746, 22.5757

Details

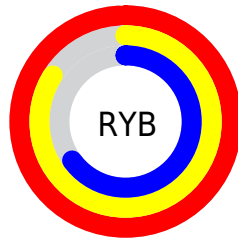
The Yxy color **63.0791, 0.3845, 0.3618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.3161, 0.2587, 0.2934**, and the grayscale version is **64.2360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6779, 0.3336, 0.3612**, and **32.1404, 0.4029, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **55.2587, 0.4130, 0.3713**, and if you desaturate by 10%, it is **71.8945, 0.3597, 0.3520**.

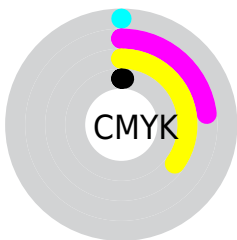
Distribution



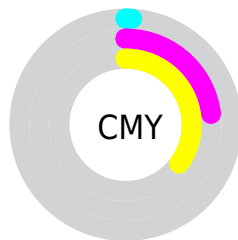
- Red (99%)
- Green (77%)
- Blue (65%)



- Red (99%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0791, 0.3845, 0.3618 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 63.0791, 0.3845, 0.3618 by changing the saturation by 10% instead.


 63.0791, 0.3845,
0.3618


 63.0791, 0.3845,
0.3618

435.8565, 0.3502,
0.3473

 45.9052, 0.3926,
0.3649


 109.2836, 0.3724,
0.3569

 32.1710, 0.4026,
0.3686


 139.0830, 0.3678,
0.3550

 21.4922, 0.4154,
0.3730


173.8597, 0.3638,
0.3533

 13.4842, 0.4324,
0.3783

213.9981, 0.3603,
0.3518

 7.7628, 0.4555,
0.3845

259.8826, 0.3573,
0.3505

 3.9436, 0.4887,
0.3910

311.8976, 0.3546,

 1.6420, 0.5770,

0.3493

0.4230

370.4274, 0.3523,
0.3482

0.3857, 0.6644,
0.3356

0.0000, 0.0000,
0.0000

63.0791, 0.3845,
0.3618

63.0791, 0.3845,
0.3618

55.2587, 0.4130,
0.3713

71.8945, 0.3597,
0.3520

48.3878, 0.4448,
0.3796

81.7306, 0.3385,
0.3423

42.4304, 0.4792,
0.3856

92.6231, 0.3204,
0.3332

37.3441, 0.5141,
0.3880

99.6216, 0.3115,
0.3290

■ 33.0830, 0.5468,
0.3857

■ 29.5949, 0.5741,
0.3782

■ 28.0570, 0.5860,
0.3729

Harmonies

Analogous

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



63.0791, 0.3767, 0.3327



63.0791, 0.3845, 0.3618



63.0791, 0.3718, 0.3848

Triad

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



63.0791, 0.3845, 0.3618



63.0791, 0.2746, 0.3549



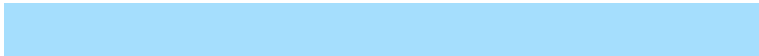
63.0791, 0.2800, 0.2709

Complementary

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



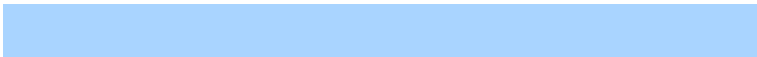
63.0791, 0.3845, 0.3618



67.3161, 0.2587, 0.2934

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.



63.0791, 0.2555, 0.2733



63.0791, 0.3845, 0.3618



63.0791, 0.2525, 0.3199

Square

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



63.0791, 0.3845, 0.3618



63.0791, 0.3076, 0.3830



63.0791, 0.2457, 0.2903



63.0791, 0.3146, 0.2822

Rectangle

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



63.0791, 0.3845, 0.3618



63.0791, 0.3541, 0.3927



63.0791, 0.2457, 0.2903



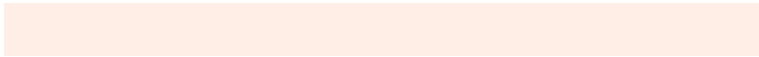
63.0791, 0.2704, 0.2701

Sweetspot

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



63.0821, 0.3845, 0.3618



88.3794, 0.3294, 0.3379



53.0710, 0.3424, 0.2705



18.5861, 0.3320, 0.3392



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.



63.0821, 0.3845, 0.3618



58.3672, 0.4047, 0.3687



85.7962, 0.3694, 0.4043



19.0345, 0.3285, 0.3374



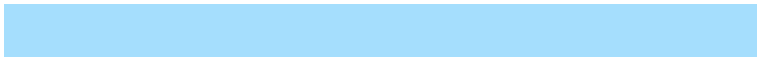
15.1730, 0.5831, 0.3752



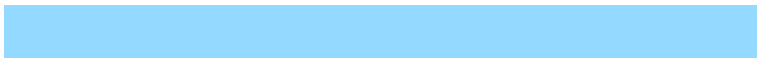
1.6737, 0.5614, 0.3924

Inverse Universe

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



67.3161, 0.2587, 0.2934



63.2592, 0.2480, 0.2846



47.0047, 0.2515, 0.2403



19.3406, 0.2980, 0.3204



18.1458, 0.1914, 0.2090



1.9725, 0.1956, 0.2242

Previews

White Background



This preview shows how the Yxy color 63.0791, 0.3845, 0.3618 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 63.0791, 0.3845, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

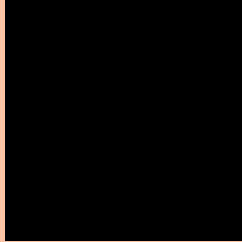
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0791, 0.3845, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 63.0791, 0.3845, 0.3618.



This preview shows how white text looks on a background with the Yxy color 63.0791, 0.3845, 0.3618.

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

63.0791, 0.3845, 0.3618

Protanopia

63.2677, 0.3489, 0.3715

Deuteranopia

63.0436, 0.3755, 0.3681



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

63.0791, 0.3845, 0.3618

Protanomaly

63.2061, 0.3613, 0.3681

Deuteranomaly

63.3013, 0.3792, 0.3666

Tritanomaly

62.9285, 0.3656, 0.3323

Monochromacy



Original Color

63.0791, 0.3845, 0.3618

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.7264, 0.3371, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0791, 0.3845, 0.3618 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(253, 196, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 196, 165)  
}
```

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(253, 196, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 196, 165) }
```

Border

The CSS property to change the border of an element to Yxy 63.0791, 0.3845, 0.3618 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(253, 196, 165) }
```

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

```
.border{ border-color:rgb(253, 196, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 196, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 196, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 196, 165);  
box-shadow:4px 4px 4px 4px rgb(253, 196,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0791, 0.3845, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 196, 165) }
```

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

```
.background{ background-color: rgb(253,  
196, 165) }
```

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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