

Converting Colors

$Yxy(63.7524, 0.3893, 0.3583)$

Have a look what the booklet for
Yxy(63.7524, 0.3893, 0.3583)
contains.

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Color

Yxy(63.0434, 0.3857, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3A6
RGB	255, 195, 166
RGB Percent	100%, 76%, 65%
CMY	0.0000, 0.2353, 0.3490
CMYK	0.00, 0.24, 0.35, 0.00
HSL	20°, 100%, 83%
HSV	20°, 35%, 100%
XYZ	67.6379, 63.0434, 44.6828
YIQ	209.6340, 45.0690, 3.7010

Conversions

Conversions Part 2

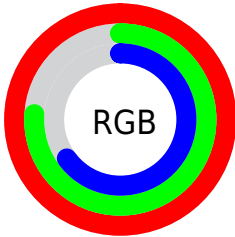
Format	Color
R _Y B	255, 209, 166
Decimal	16761766
CIE _{Lab}	83.47, 17.67, 22.87
CIE _{LCh}	83, 28.897, 52.311
Y _{xy}	63.0434, 0.3857, 0.3595
Android (android.graphics.Color)	4294951846 (0xFFFFC3A6)
Y _{UV}	209.6340, -21.5116, 39.7860
Hunter-Lab	79.3999, 13.1080, 22.2141

Details

The Yxy color **63.0434, 0.3857, 0.3595** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.7196, 0.2589, 0.2960**, and the grayscale version is **64.3198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1013, 0.3331, 0.3593**, and **32.1350, 0.4045, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **54.9360, 0.4149, 0.3683**, and if you desaturate by 10%, it is **72.2291, 0.3604, 0.3504**.

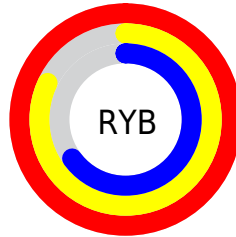
Distribution



Red (100%)

Green (76%)

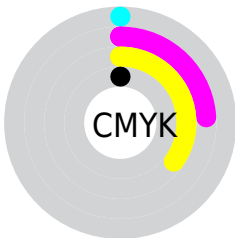
Blue (65%)



Red (100%)

Yellow (82%)

Blue (65%)

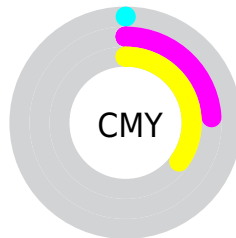


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0434, 0.3857, 0.3595 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 63.0434, 0.3857, 0.3595 by changing the saturation by 10% instead.


 63.0434, 0.3857,
0.3595


 63.0434, 0.3857,
0.3595

435.7270, 0.3508,
0.3461

 45.8763, 0.3939,
0.3623


 109.2321, 0.3734,
0.3550

 32.1482, 0.4041,
0.3657


 139.0226, 0.3687,
0.3532

 21.4747, 0.4172,
0.3696


173.7896, 0.3646,
0.3517

 13.4715, 0.4345,
0.3743

213.9175, 0.3611,
0.3503

 7.7540, 0.4582,
0.3797

259.7909, 0.3580,
0.3491

 3.9379, 0.4923,
0.3850

311.7940, 0.3553,

 1.6389, 0.5806,

0.3480

0.4133

370.3112, 0.3529,
0.3470

0.3836, 0.6748,
0.3252

0.0000, 0.0000,
0.0000

63.0434, 0.3857,
0.3595

63.0434, 0.3857,
0.3595

54.9360, 0.4149,
0.3683

72.2291, 0.3604,
0.3504

47.8570, 0.4478,
0.3759

82.5229, 0.3388,
0.3415

41.7657, 0.4834,
0.3812

93.9642, 0.3206,
0.3330

36.6147, 0.5196,
0.3831

99.9997, 0.3127,
0.3290

■ 32.3522, 0.5534,
0.3803

■ 28.9198, 0.5813,
0.3725

■ 27.4610, 0.5931,
0.3673

Harmonies

Analogous

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



63.0434, 0.3758, 0.3298



63.0434, 0.3857, 0.3595



63.0434, 0.3747, 0.3838

Triad

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



63.0434, 0.3857, 0.3595



63.0434, 0.2769, 0.3585



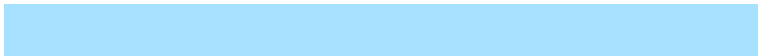
63.0434, 0.2766, 0.2698

Complementary

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



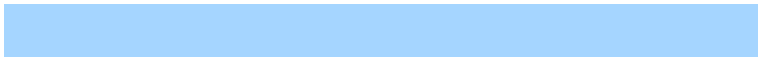
63.0434, 0.3857, 0.3595



69.7196, 0.2589, 0.2960

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.



63.0434, 0.2530, 0.2736



63.0434, 0.3857, 0.3595



63.0434, 0.2532, 0.3231

Square

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



63.0434, 0.3857, 0.3595



63.0434, 0.3111, 0.3858



63.0434, 0.2448, 0.2922



63.0434, 0.3110, 0.2800

Rectangle

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



63.0434, 0.3857, 0.3595



63.0434, 0.3576, 0.3930



63.0434, 0.2448, 0.2922



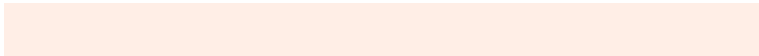
63.0434, 0.2673, 0.2694

Sweetspot

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



63.0464, 0.3857, 0.3595



87.9834, 0.3295, 0.3372



54.0707, 0.3399, 0.2675



18.4908, 0.3321, 0.3384



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.



63.0464, 0.3857, 0.3595



57.1798, 0.4060, 0.3658



85.5607, 0.3706, 0.4019



18.9536, 0.3286, 0.3368



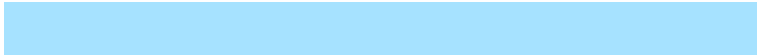
14.5893, 0.5901, 0.3697



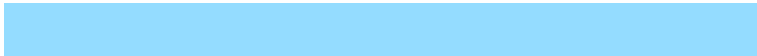
1.6097, 0.5681, 0.3871

Inverse Universe

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



69.7196, 0.2589, 0.2960



64.7450, 0.2485, 0.2881



48.9157, 0.2518, 0.2435



19.4250, 0.2980, 0.3211



19.4539, 0.1941, 0.2186



2.0933, 0.1980, 0.2326

Previews

White Background



This preview shows how the Yxy color 63.0434, 0.3857, 0.3595 looks on a white background.

Color Contrast Check

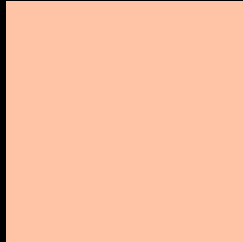
Large Text (above 18pt) WCAG AA × Fail

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 63.0434, 0.3857, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

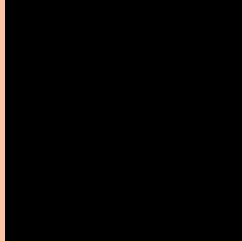
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0434, 0.3857, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 63.0434, 0.3857, 0.3595.



This preview shows how white text looks on a background with the Yxy color 63.0434, 0.3857, 0.3595.

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

63.0434, 0.3857, 0.3595

Protanopia

63.3060, 0.3482, 0.3703

Deuteranopia

63.0799, 0.3748, 0.3670



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

63.0434, 0.3857, 0.3595

Protanomaly

62.9378, 0.3616, 0.3658

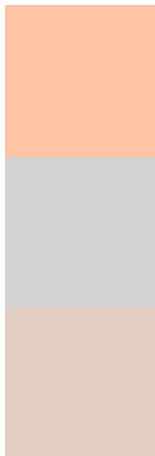
Deuteranomaly

62.8789, 0.3788, 0.3645

Tritanomaly

62.7209, 0.3659, 0.3302

Monochromacy



Original Color

63.0434, 0.3857, 0.3595

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 63.0434, 0.3857, 0.3595 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, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 166)  
}
```

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, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 166) }
```

Border

The CSS property to change the border of an element to Yxy 63.0434, 0.3857, 0.3595 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, 195, 166) }
```

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

```
.border{ border-color:rgb(255, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0434, 0.3857, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 166) }
```

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

```
.background{ background-color: rgb(255,  
195, 166) }
```

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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