

Converting Colors

Yxy(58.4860, 0.3946, 0.3599)

Have a look what the booklet for
Yxy(58.4860, 0.3946, 0.3599)
contains.

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Color

Yxy(58.4348, 0.3951, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	FDBA9D
RGB	253, 186, 157
RGB Percent	99%, 73%, 62%
CMY	0.0078, 0.2705, 0.3845
CMYK	0.00, 0.26, 0.38, 0.01
HSL	18°, 96%, 80%
HSV	18°, 38%, 99%
XYZ	64.1500, 58.4348, 39.7792
YIQ	202.7270, 49.2410, 5.1850

Conversions

Conversions Part 2

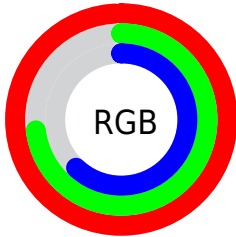
Format	Color
R _Y B	253, 199, 157
Decimal	16628381
CIE Lab	80.98, 20.57, 24.23
CIE LCh	81, 31.785, 49.671
Yxy	58.4348, 0.3951, 0.3599
Android (android.graphics.Color)	4294818461 (0xFFFD8A9D)
YUV	202.7270, -22.5434, 44.0894
Hunter-Lab	76.4427, 16.0210, 22.6566

Details

The Yxy color **58.4348, 0.3951, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.5423, 0.2548, 0.2953**, and the grayscale version is **59.6618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5177, 0.3402, 0.3588**, and **29.2850, 0.4152, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **50.6784, 0.4261, 0.3678**, and if you desaturate by 10%, it is **67.2941, 0.3682, 0.3515**.

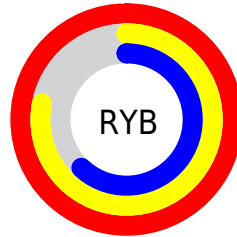
Distribution



Red (99%)

Green (73%)

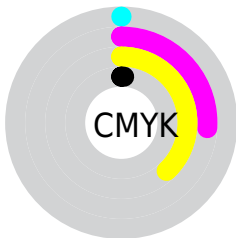
Blue (62%)



Red (99%)

Yellow (78%)

Blue (62%)

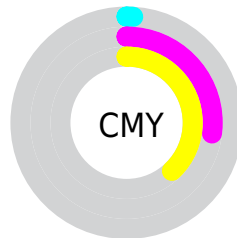


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4348, 0.3951, 0.3599 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 58.4348, 0.3951, 0.3599 by changing the saturation by 10% instead.


 58.4348, 0.3951,
0.3599


 58.4348, 0.3951,
0.3599


418.8041, 0.3552,
0.3464

 42.1583, 0.4046,
0.3627

 102.5558, 0.3809,
0.3555

 29.2253, 0.4165,
0.3659


 131.1690, 0.3755,
0.3537

 19.2513, 0.4319,
0.3696


164.6633, 0.3709,
0.3521

 11.8520, 0.4522,
0.3738

203.4230, 0.3669,
0.3507

 6.6430, 0.4803,
0.3780

247.8326, 0.3634,
0.3495

 3.2398, 0.5210,
0.3809

298.2763, 0.3603,

 1.2582, 0.6077,

0.3483

0.3923

355.1387, 0.3576,
0.3473

0.1085, 0.8480,
0.1520

0.0000, 0.0000,
0.0000

58.4348, 0.3951,
0.3599

58.4348, 0.3951,
0.3599

50.6784, 0.4261,
0.3678

67.2941, 0.3682,
0.3515

43.9720, 0.4609,
0.3743

77.2896, 0.3452,
0.3431

38.2708, 0.4980,
0.3782

88.4638, 0.3259,
0.3350

33.5229, 0.5349,
0.3784

99.6226, 0.3115,
0.3290

■ 29.6711, 0.5681,
0.3738

■ 26.6491, 0.5942,
0.3647

■ 26.1235, 0.5988,
0.3627

Harmonies

Analogous

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



58.4348, 0.3819, 0.3265



58.4348, 0.3951, 0.3599



58.4348, 0.3844, 0.3884

Triad

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



58.4348, 0.3951, 0.3599



58.4348, 0.2753, 0.3658



58.4348, 0.2691, 0.2625

Complementary

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



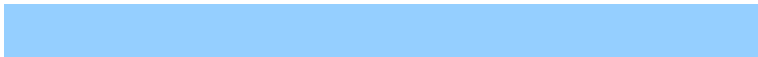
58.4348, 0.3951, 0.3599



67.5423, 0.2548, 0.2953

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.



58.4348, 0.2443, 0.2679



58.4348, 0.3951, 0.3599



58.4348, 0.2476, 0.3255

Square

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



58.4348, 0.3951, 0.3599



58.4348, 0.3142, 0.3954



58.4348, 0.2367, 0.2898



58.4348, 0.3069, 0.2727

Rectangle

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



58.4348, 0.3951, 0.3599



58.4348, 0.3660, 0.4002



58.4348, 0.2367, 0.2898



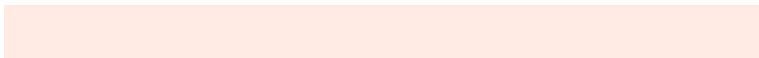
58.4348, 0.2591, 0.2625

Sweetspot

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



58.4376, 0.3951, 0.3599



86.4687, 0.3314, 0.3374



50.3762, 0.3416, 0.2606



18.1731, 0.3340, 0.3385



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.



58.4376, 0.3951, 0.3599



53.0417, 0.4198, 0.3663



82.0431, 0.3765, 0.4067



18.8827, 0.3287, 0.3363



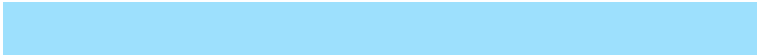
14.1192, 0.5960, 0.3650



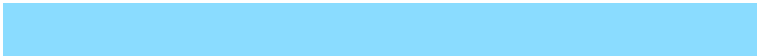
1.5570, 0.5739, 0.3825

Inverse Universe

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



67.5423, 0.2548, 0.2953



63.5337, 0.2436, 0.2868



45.3739, 0.2461, 0.2366



19.4994, 0.2980, 0.3216



20.6590, 0.1964, 0.2270



2.2038, 0.2000, 0.2400

Previews

White Background



This preview shows how the Yxy color 58.4348, 0.3951, 0.3599 looks on a white background.

Color Contrast Check

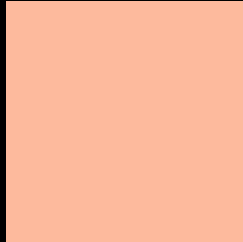
Large Text (above 18pt) WCAG AA × Fail

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 58.4348, 0.3951, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

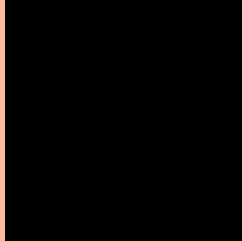
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4348, 0.3951, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 58.4348, 0.3951, 0.3599.



This preview shows how white text looks on a background with the Yxy color 58.4348, 0.3951, 0.3599.

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

58.4348, 0.3951, 0.3599

Protanopia

58.5998, 0.3501, 0.3729

Deuteranopia

58.3731, 0.3785, 0.3704



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.4348, 0.3951, 0.3599

Protanomaly

58.5470, 0.3666, 0.3690

Deuteranomaly

58.1045, 0.3848, 0.3664

Tritanomaly

58.2740, 0.3761, 0.3313

Monochromacy



Original Color

58.4348, 0.3951, 0.3599

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8498, 0.3405, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4348, 0.3951, 0.3599 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, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 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(253, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 157) }
```

Border

The CSS property to change the border of an element to Yxy 58.4348, 0.3951, 0.3599 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, 186, 157) }
```

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

```
.border{ border-color:rgb(253, 186, 157) }
```

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

Here you see how a box with a 4 pixel rgb(253, 186, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 157);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4348, 0.3951, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 157) }
```

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

```
.background{ background-color: rgb(253,  
186, 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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