

Converting Colors

$Yxy(58.8963, 0.3985, 0.3683)$

Have a look what the booklet for
Yxy(58.8963, 0.3985, 0.3683)
contains.

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Color

Yxy(58.8963, 0.3985, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	FCBC97
RGB	252, 188, 151
RGB Percent	99%, 74%, 59%
CMY	0.0116, 0.2628, 0.4078
CMYK	0.00, 0.25, 0.40, 0.01
HSL	22°, 94%, 79%
HSV	22°, 40%, 99%
XYZ	63.7257, 58.8963, 37.2919
YIQ	202.9180, 50.0210, 2.0610

Conversions

Conversions Part 2

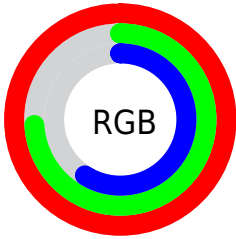
Format	Color
R _Y B	252, 209, 151
Decimal	16563351
CIE Lab	81.23, 18.50, 27.71
CIE LCh	81, 33.324, 56.271
Yxy	58.8963, 0.3985, 0.3683
Android (android.graphics.Color)	4294753431 (0xFFFCBC97)
YUV	202.9180, -25.5956, 43.0449
Hunter-Lab	76.7439, 13.9188, 24.9101

Details

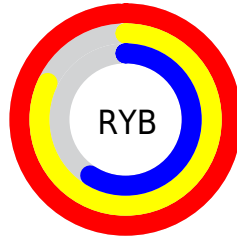
The Yxy color **58.8963, 0.3985, 0.3683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.2451, 0.2505, 0.2853**, and the grayscale version is **59.8103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3691, 0.3443, 0.3678**, and **29.5855, 0.4194, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **51.7127, 0.4284, 0.3776**, and if you desaturate by 10%, it is **67.0165, 0.3721, 0.3582**.

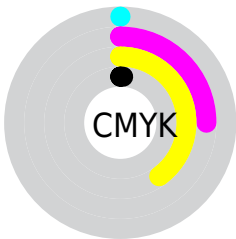
Distribution



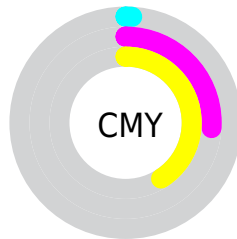
- Red (99%)
- Green (74%)
- Blue (59%)



- Red (99%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (1%)





- Cyan (1%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8963, 0.3985, 0.3683 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 58.8963, 0.3985, 0.3683 by changing the saturation by 10% instead.


 58.8963, 0.3985,
0.3683

 58.8963, 0.3985,
0.3683

420.5175, 0.3571,
0.3510

 42.5296, 0.4083,
0.3719


 103.2269, 0.3838,
0.3625

 29.5162, 0.4205,
0.3761


 131.9597, 0.3782,
0.3602

 19.4717, 0.4361,
0.3811


165.5833, 0.3734,
0.3582

 12.0116, 0.4567,
0.3867

204.4821, 0.3693,
0.3564

 6.7516, 0.4845,
0.3927

249.0406, 0.3656,
0.3548

 3.3072, 0.5260,
0.3989

299.6430, 0.3624,

 1.2942, 0.5959,

0.3534

0.4041

356.6739, 0.3596,
0.3521

0.1367, 0.8097,
0.1903

0.0000, 0.0000,
0.0000

58.8963, 0.3985,
0.3683

58.8963, 0.3985,
0.3683

51.7127, 0.4284,
0.3776

67.0165, 0.3721,
0.3582

45.4216, 0.4612,
0.3852

76.0985, 0.3492,
0.3481

39.9872, 0.4955,
0.3898

86.1770, 0.3295,
0.3383

35.3679, 0.5289,
0.3901

97.2822, 0.3128,
0.3291

■ 31.5174, 0.5586,
0.3852

99.4431, 0.3109,
0.3290

■ 28.4000, 0.5823,
0.3758

Harmonies

Analogous

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



58.8963, 0.3902, 0.3339



58.8963, 0.3985, 0.3683



58.8963, 0.3821, 0.3958

Triad

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



58.8963, 0.3985, 0.3683



58.8963, 0.2660, 0.3586



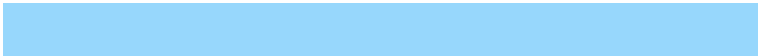
58.8963, 0.2749, 0.2607

Complementary

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



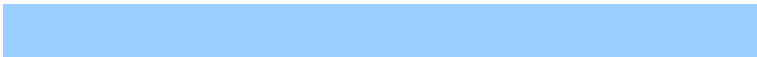
58.8963, 0.3985, 0.3683



62.2451, 0.2505, 0.2853

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.



58.8963, 0.2456, 0.2625



58.8963, 0.3985, 0.3683



58.8963, 0.2407, 0.3161

Square

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



58.8963, 0.3985, 0.3683



58.8963, 0.3047, 0.3936



58.8963, 0.2336, 0.2814



58.8963, 0.3162, 0.2745

Rectangle

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



58.8963, 0.3985, 0.3683



58.8963, 0.3603, 0.4056



58.8963, 0.2336, 0.2814



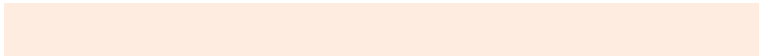
58.8963, 0.2635, 0.2595

Sweetspot

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



58.8991, 0.3985, 0.3683



86.4241, 0.3331, 0.3401



47.8333, 0.3484, 0.2616



18.2017, 0.3355, 0.3414



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.



58.8991, 0.3985, 0.3683



54.5441, 0.4220, 0.3758



83.4405, 0.3784, 0.4155



18.2654, 0.3285, 0.3377



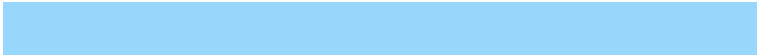
15.0445, 0.5793, 0.3782



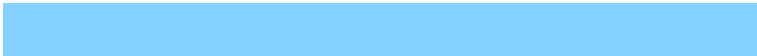
1.5876, 0.5568, 0.3961

Inverse Universe

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



62.2451, 0.2505, 0.2853



58.3671, 0.2391, 0.2749



40.9442, 0.2409, 0.2241



18.4778, 0.2980, 0.3201



17.0068, 0.1901, 0.2043



1.7771, 0.1947, 0.2208

Previews

White Background



This preview shows how the Yxy color 58.8963, 0.3985, 0.3683 looks on a white background.

Color Contrast Check

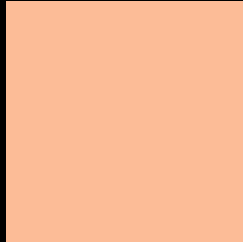
Large Text (above 18pt) WCAG AA × Fail

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 58.8963, 0.3985, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

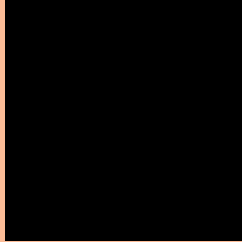
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8963, 0.3985, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 58.8963, 0.3985, 0.3683.



This preview shows how white text looks on a background with the Yxy color 58.8963, 0.3985, 0.3683.

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

58.8963, 0.3985, 0.3683

Protanopia

59.1225, 0.3569, 0.3820

Deuteranopia

59.1363, 0.3856, 0.3776



Tritanopia

58.7014, 0.3640, 0.3146

Trichromacy



Original Color

58.8963, 0.3985, 0.3683

Protanomaly

58.7930, 0.3711, 0.3769

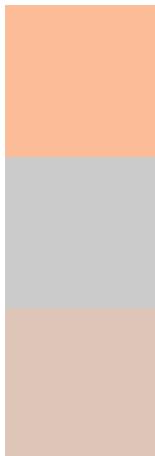
Deuteranomaly

59.1344, 0.3907, 0.3747

Tritanomaly

58.6471, 0.3766, 0.3334

Monochromacy



Original Color

58.8963, 0.3985, 0.3683

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2210, 0.3419, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8963, 0.3985, 0.3683 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(252, 188, 151)` looks like.

```
.text, #text, p{  
    color:rgb(252, 188, 151)  
}
```

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(252, 188, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 188, 151) }
```

Border

The CSS property to change the border of an element to Yxy 58.8963, 0.3985, 0.3683 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(252, 188, 151) }
```

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

```
.border{ border-color:rgb(252, 188, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 188, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 188, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 188, 151);  
box-shadow:4px 4px 4px 4px rgb(252, 188,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8963, 0.3985, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 188, 151) }
```

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

```
.background{ background-color: rgb(252,  
188, 151) }
```

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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