

# Converting Colors

$Yxy(58.3513, 0.3916, 0.3568)$

Have a look what the booklet for  
Yxy(58.3513, 0.3916, 0.3568)  
contains.

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# Color

**Yxy(58.3513, 0.3916, 0.3568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCBAA0
RGB	252, 186, 160
RGB Percent	99%, 73%, 63%
CMY	0.0119, 0.2705, 0.3725
CMYK	0.00, 0.26, 0.36, 0.01
HSL	17°, 94%, 81%
HSV	17°, 36%, 99%
XYZ	64.0425, 58.3513, 41.1468
YIQ	202.7700, 47.6820, 5.9060

# Conversions

## Conversions Part 2

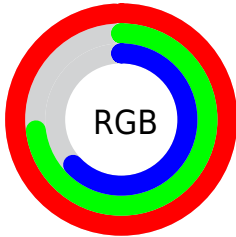
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 196, 160
Decimal	16562848
CIE Lab	80.93, 20.52, 22.53
CIE LCh	81, 30.478, 47.669
Yxy	58.3513, 0.3916, 0.3568
Android (android.graphics.Color)	4294752928 (0xFFFCBAA0)
YUV	202.7700, -21.0856, 43.1747
Hunter-Lab	76.3880, 15.9725, 21.5347

# Details

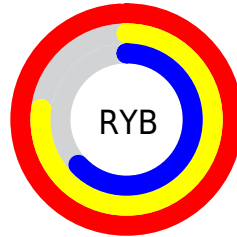
The Yxy color **58.3513, 0.3916, 0.3568** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.8735, 0.2572, 0.2990**, and the grayscale version is **59.6827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6706, 0.3383, 0.3558**, and **29.3271, 0.4129, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **50.4201, 0.4226, 0.3643**, and if you desaturate by 10%, it is **67.4297, 0.3649, 0.3489**.

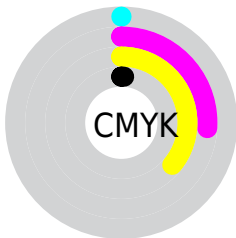
# Distribution



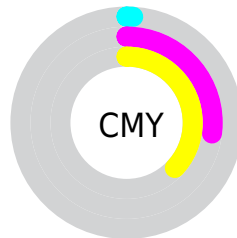
- Red (99%)
- Green (73%)
- Blue (63%)



- Red (99%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (1%)




- Cyan (1%)
- Magenta (27%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3513, 0.3916, 0.3568 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 58.3513, 0.3916, 0.3568 by changing the saturation by 10% instead.




 58.3513, 0.3916,  
0.3568


 58.3513, 0.3916,  
0.3568


418.4937, 0.3533,  
0.3447

 42.0911, 0.4007,  
0.3593


 102.4343, 0.3780,  
0.3528

 29.1727, 0.4122,  
0.3622


 131.0258, 0.3728,  
0.3512

 19.2115, 0.4270,  
0.3656

164.4967, 0.3683,  
0.3498

 11.8232, 0.4467,  
0.3694

203.2312, 0.3645,  
0.3485

 6.6234, 0.4741,  
0.3733

247.6137, 0.3612,  
0.3474

 3.2277, 0.5139,  
0.3758

298.0288, 0.3582,

 1.2517, 0.6077,

0.3464

0.3923

354.8606, 0.3556,  
0.3455

0.1034, 0.8529,  
0.1471

0.0000, 0.0000,  
0.0000

58.3513, 0.3916,  
0.3568

58.3513, 0.3916,  
0.3568

50.4201, 0.4226,  
0.3643

67.4297, 0.3649,  
0.3489

43.5811, 0.4576,  
0.3705

77.6909, 0.3423,  
0.3411

37.7870, 0.4953,  
0.3745

89.1791, 0.3234,  
0.3336

32.9834, 0.5334,  
0.3750

99.4308, 0.3108,  
0.3290

■ 29.1108, 0.5681,  
0.3710

■ 26.1011, 0.5955,  
0.3625

■ 25.2313, 0.6035,  
0.3590

# Harmonies

## Analogous

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



58.3513, 0.3774, 0.3246



58.3513, 0.3916, 0.3568



58.3513, 0.3829, 0.3846

# Triad

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



58.3513, 0.3916, 0.3568



58.3513, 0.2791, 0.3666



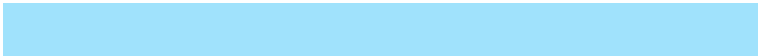
58.3513, 0.2688, 0.2648

# Complementary

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



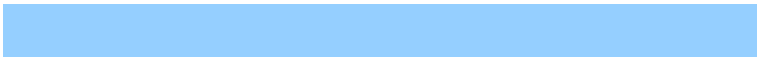
58.3513, 0.3916, 0.3568



68.8735, 0.2572, 0.2990

# 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.



58.3513, 0.2459, 0.2712



58.3513, 0.3916, 0.3568



58.3513, 0.2514, 0.3283

# Square

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



58.3513, 0.3916, 0.3568



58.3513, 0.3169, 0.3937



58.3513, 0.2398, 0.2934



58.3513, 0.3045, 0.2737



# Rectangle

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



58.3513, 0.3916, 0.3568



58.3513, 0.3660, 0.3966



58.3513, 0.2398, 0.2934



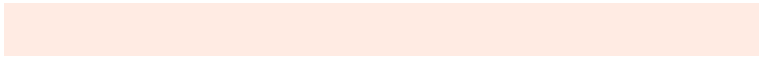
58.3513, 0.2595, 0.2652

# Sweetspot

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



58.3541, 0.3916, 0.3568



86.1532, 0.3315, 0.3369



51.4051, 0.3375, 0.2603



18.0983, 0.3341, 0.3379



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.



58.3541, 0.3916, 0.3568



53.7159, 0.4145, 0.3625



80.1100, 0.3750, 0.4009



18.0245, 0.3287, 0.3358



13.3606, 0.6005, 0.3614

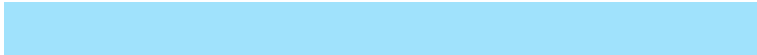


1.4090, 0.5774, 0.3798

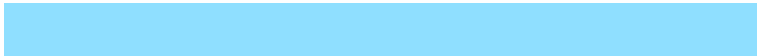


# Inverse Universe

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



68.8735, 0.2572, 0.2990



65.9596, 0.2467, 0.2917



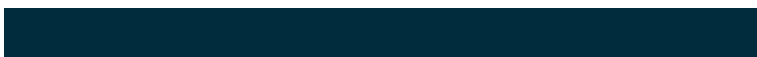
47.7379, 0.2495, 0.2446



18.7301, 0.2980, 0.3221



21.0812, 0.1984, 0.2341



2.1323, 0.2019, 0.2468



# Previews

## White Background



This preview shows how the Yxy color 58.3513, 0.3916, 0.3568 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

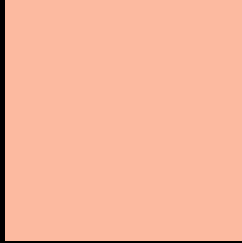
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.3513, 0.3916, 0.3568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

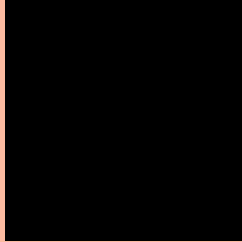
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.3513, 0.3916, 0.3568**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.3513, 0.3916, 0.3568.



This preview shows how white text looks on a background with the Yxy color 58.3513, 0.3916, 0.3568.

# 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

58.3513, 0.3916, 0.3568

### Protanopia

58.7094, 0.3478, 0.3693

### Deuteranopia

58.3053, 0.3752, 0.3671



## Tritanopia

58.2479, 0.3651, 0.3146

# Trichromacy



## Original Color

58.3513, 0.3916, 0.3568

## Protanomaly

58.4911, 0.3633, 0.3657

## Deuteranomaly

58.0309, 0.3815, 0.3632

## Tritanomaly

58.3152, 0.3752, 0.3302

# Monochromacy



## Original Color

58.3513, 0.3916, 0.3568

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

58.8925, 0.3398, 0.3406

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.3513, 0.3916, 0.3568 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, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(252, 186, 160)  
}
```

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, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 186, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 58.3513, 0.3916, 0.3568 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, 186, 160) }
```

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

```
.border{ border-color:rgb(252, 186, 160) }
```

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

Here you see how a box with a 4 pixel rgb(252, 186, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(252, 186,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.3513, 0.3916, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 186, 160) }
```

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

```
.background{ background-color: rgb(252,  
186, 160) }
```

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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