

# Converting Colors

Yxy(56.8890, 0.3847, 0.3575)

Have a look what the booklet for  
Yxy(56.8890, 0.3847, 0.3575)  
contains.

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# Color

**Yxy(56.8890, 0.3847, 0.3575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4BAA0
RGB	244, 186, 160
RGB Percent	96%, 73%, 63%
CMY	0.0431, 0.2706, 0.3724
CMYK	0.00, 0.24, 0.34, 0.04
HSL	19°, 79%, 79%
HSV	19°, 34%, 96%
XYZ	61.2173, 56.8890, 41.0237
YIQ	200.3780, 42.9140, 4.2100

# Conversions

## Conversions Part 2

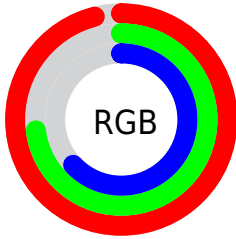
Format	Color
R <sub>Y</sub> B	244, 198, 160
Decimal	16038560
CIE Lab	80.12, 17.50, 21.27
CIE LCh	80, 27.543, 50.549
Yxy	56.8890, 0.3847, 0.3575
Android (android.graphics.Color)	4294228640 (0xFFF4BAA0)
YUV	200.3780, -19.9064, 38.2565
Hunter-Lab	75.4248, 12.8833, 20.5494

# Details

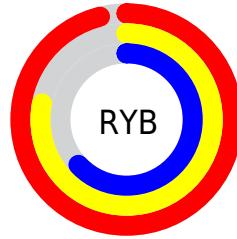
The Yxy color **56.8890, 0.3847, 0.3575** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1730, 0.2599, 0.2983**, and the grayscale version is **58.1124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6706, 0.3383, 0.3558**, and **28.2969, 0.4037, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **49.4316, 0.4140, 0.3658**, and if you desaturate by 10%, it is **65.3571, 0.3594, 0.3489**.

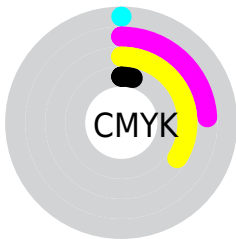
# Distribution



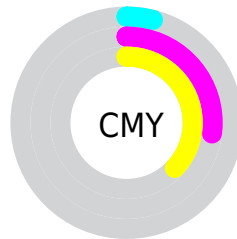
- Red (96%)
- Green (73%)
- Blue (63%)



- Red (96%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8890, 0.3847, 0.3575 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 56.8890, 0.3847, 0.3575 by changing the saturation by 10% instead.




 56.8890, 0.3847,  
0.3575


 56.8890, 0.3847,  
0.3575


413.0332, 0.3496,  
0.3448

 40.9161, 0.3931,  
0.3602


 100.3032, 0.3722,  
0.3532

 28.2536, 0.4037,  
0.3634


 128.5133, 0.3674,  
0.3515

 18.5169, 0.4175,  
0.3673


161.5713, 0.3634,  
0.3500

 11.3217, 0.4359,  
0.3719

199.8616, 0.3599,  
0.3487

 6.2837, 0.4616,  
0.3770

243.7685, 0.3568,  
0.3476

 3.0183, 0.4995,  
0.3818

293.6765, 0.3541,

 1.1413, 0.5945,

0.3465

0.4055

349.9700, 0.3517,  
0.3456

0.0130, 0.9713,  
0.0287

0.0000, 0.0000,  
0.0000

56.8890, 0.3847,  
0.3575

56.8890, 0.3847,  
0.3575

49.4316, 0.4140,  
0.3658

65.3571, 0.3594,  
0.3489

42.9381, 0.4472,  
0.3731

74.8645, 0.3379,  
0.3404

37.3695, 0.4833,  
0.3783

85.4486, 0.3198,  
0.3324

32.6810, 0.5203,  
0.3801

96.9718, 0.3060,  
0.3275

■ 28.8235, 0.5550,  
0.3774

■ 97.9753, 0.3060,  
0.3290

■ 25.7420, 0.5837,  
0.3699

■ 24.3299, 0.5968,  
0.3643

# Harmonies

## Analogous

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



56.8890, 0.3737, 0.3280



56.8890, 0.3847, 0.3575



56.8890, 0.3750, 0.3819

# Triad

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



56.8890, 0.3847, 0.3575



56.8890, 0.2792, 0.3600



56.8890, 0.2754, 0.2703

# Complementary

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



56.8890, 0.3847, 0.3575



64.1730, 0.2599, 0.2983

# 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.



56.8890, 0.2529, 0.2750



56.8890, 0.3847, 0.3575



56.8890, 0.2549, 0.3253

# Square

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



56.8890, 0.3847, 0.3575



56.8890, 0.3133, 0.3860



56.8890, 0.2457, 0.2942



56.8890, 0.3089, 0.2796



# Rectangle

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



56.8890, 0.3847, 0.3575



56.8890, 0.3588, 0.3916



56.8890, 0.2457, 0.2942



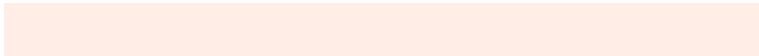
56.8890, 0.2664, 0.2703

# Sweetspot

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



56.8917, 0.3847, 0.3575



87.7370, 0.3296, 0.3368



49.4913, 0.3381, 0.2671



18.4314, 0.3322, 0.3380



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.



56.8917, 0.3847, 0.3575



57.2532, 0.4038, 0.3631



76.8305, 0.3701, 0.3994



17.3184, 0.3286, 0.3364



13.4403, 0.5940, 0.3666



1.3562, 0.5696, 0.3859



# Inverse Universe

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



64.1730, 0.2599, 0.2983



66.3455, 0.2503, 0.2913



45.3838, 0.2531, 0.2469



17.8425, 0.2980, 0.3215



19.1430, 0.1958, 0.2248



1.8646, 0.1998, 0.2394



# Previews

## White Background



This preview shows how the Yxy color 56.8890, 0.3847, 0.3575 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 56.8890, 0.3847, 0.3575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

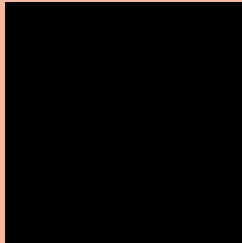
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 56.8890, 0.3847, 0.3575**

## Background



This preview shows how black text looks on a background with the Yxy color 56.8890, 0.3847, 0.3575.

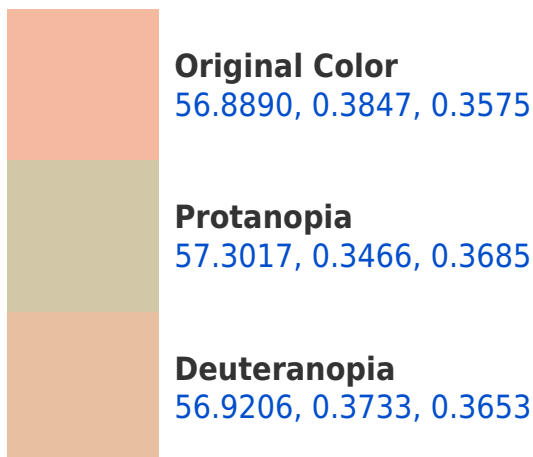


This preview shows how white text looks on a background with the Yxy color 56.8890, 0.3847, 0.3575.

# 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

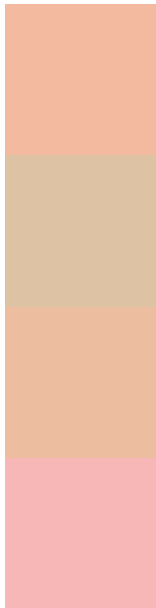




## Tritanopia

56.9443, 0.3592, 0.3142

# Trichromacy



**Original Color**

56.8890, 0.3847, 0.3575

**Protanomaly**

56.7935, 0.3596, 0.3640

**Deuteranomaly**

56.7313, 0.3775, 0.3627

**Tritanomaly**

57.0185, 0.3691, 0.3302

# Monochromacy



**Original Color**

56.8890, 0.3847, 0.3575

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

57.1319, 0.3375, 0.3407

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.8890, 0.3847, 0.3575 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(244, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 186, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 56.8890, 0.3847, 0.3575 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(244, 186, 160) }
```

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

```
.border{ border-color:rgb(244, 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(244, 186, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(244, 186,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.8890, 0.3847, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 186, 160) }
```

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

```
.background{ background-color: rgb(244,  
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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