

# Converting Colors

Yxy(56.8526, 0.3800, 0.3584)

Have a look what the booklet for  
Yxy(56.8526, 0.3800, 0.3584)  
contains.

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# Color

**Yxy(56.6391, 0.3800, 0.3579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0BBA1
RGB	240, 187, 161
RGB Percent	94%, 73%, 63%
CMY	0.0588, 0.2666, 0.3686
CMYK	0.00, 0.22, 0.33, 0.06
HSL	20°, 72%, 79%
HSV	20°, 33%, 94%
XYZ	60.1365, 56.6391, 41.4784
YIQ	199.8830, 39.9340, 3.1500

# Conversions

## Conversions Part 2

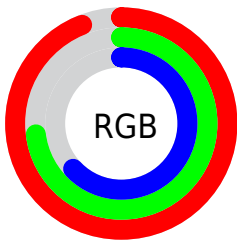
Format	Color
R <sub>Y</sub> B	240, 200, 161
Decimal	15776673
CIE Lab	79.98, 15.55, 20.49
CIE LCh	80, 25.727, 52.804
Yxy	56.6391, 0.3800, 0.3579
Android (android.graphics.Color)	4293966753 (0xFFFF0BBA1)
YUV	199.8830, -19.1693, 35.1826
Hunter-Lab	75.2590, 10.9293, 20.0041

# Details

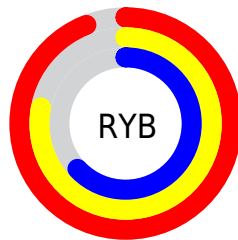
The Yxy color **56.6391, 0.3800, 0.3579** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.9507, 0.2619, 0.2979**, and the grayscale version is **57.7859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3191, 0.3375, 0.3557**, and **28.2216, 0.3985, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **49.4230, 0.4082, 0.3668**, and if you desaturate by 10%, it is **64.7886, 0.3556, 0.3487**.

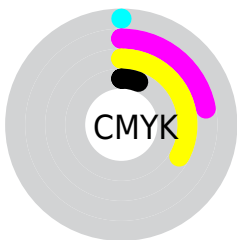
# Distribution



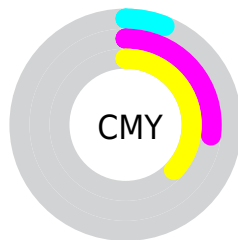
- Red (94%)
- Green (73%)
- Blue (63%)



- Red (94%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6391, 0.3800, 0.3579 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 56.6391, 0.3800, 0.3579 by changing the saturation by 10% instead.





 56.6391, 0.3800,  
0.3579

 56.6391, 0.3800,  
0.3579


412.0956, 0.3472,  
0.3448

 40.7156, 0.3879,  
0.3607


 99.9384, 0.3683,  
0.3535

 28.0969, 0.3978,  
0.3642


 128.0829, 0.3638,  
0.3517

 18.3987, 0.4107,  
0.3683


161.0699, 0.3600,  
0.3502

 11.2366, 0.4280,  
0.3733

199.2838, 0.3568,  
0.3488

 6.2262, 0.4523,  
0.3793

243.1089, 0.3539,  
0.3477

 2.9831, 0.4883,  
0.3857

292.9296, 0.3514,

 1.1229, 0.5840,

0.3466

0.4160

349.1304, 0.3492,  
0.3457

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

56.6391, 0.3800,  
0.3579

56.6391, 0.3800,  
0.3579

49.4230, 0.4082,  
0.3668

64.7886, 0.3556,  
0.3487

43.0979, 0.4401,  
0.3748

73.8960, 0.3349,  
0.3398

37.6295, 0.4750,  
0.3809

83.9949, 0.3173,  
0.3314

32.9783, 0.5110,  
0.3837

94.9858, 0.3036,  
0.3254

■ 29.1011, 0.5454,  
0.3821

■ 97.2642, 0.3035,  
0.3290

■ 25.9497, 0.5747,  
0.3754

■ 24.1202, 0.5916,  
0.3684

# Harmonies

## Analogous

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



56.6391, 0.3711, 0.3303



56.6391, 0.3800, 0.3579



56.6391, 0.3697, 0.3800

# Triad

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



56.6391, 0.3800, 0.3579



56.6391, 0.2793, 0.3557



56.6391, 0.2798, 0.2741

# Complementary

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



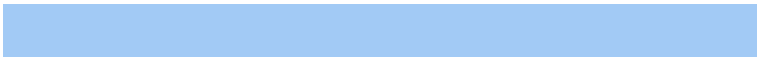
56.6391, 0.3800, 0.3579



61.9507, 0.2619, 0.2979

# 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.



56.6391, 0.2577, 0.2776



56.6391, 0.3800, 0.3579



56.6391, 0.2573, 0.3232

# Square

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



56.6391, 0.3800, 0.3579



56.6391, 0.3108, 0.3808



56.6391, 0.2497, 0.2947



56.6391, 0.3118, 0.2837



# Rectangle

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



56.6391, 0.3800, 0.3579



56.6391, 0.3538, 0.3881



56.6391, 0.2497, 0.2947



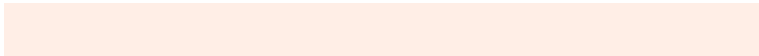
56.6391, 0.2711, 0.2737

# Sweetspot

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



56.6418, 0.3800, 0.3579



88.0342, 0.3295, 0.3373



48.9175, 0.3379, 0.2712



18.5030, 0.3321, 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.



56.6418, 0.3800, 0.3579



58.9259, 0.4000, 0.3644



75.2243, 0.3669, 0.3975



16.6090, 0.3285, 0.3368



13.4209, 0.5887, 0.3707



1.2918, 0.5632, 0.3910

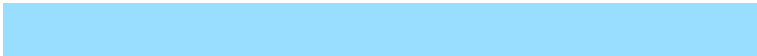


# Inverse Universe

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



61.9507, 0.2619, 0.2979



65.9231, 0.2513, 0.2899



44.7141, 0.2558, 0.2495



17.0006, 0.2980, 0.3210



17.6451, 0.1938, 0.2177



1.6490, 0.1984, 0.2341



# Previews

## White Background



This preview shows how the Yxy color 56.6391, 0.3800, 0.3579 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 56.6391, 0.3800, 0.3579 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 56.6391, 0.3800, 0.3579**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.6391, 0.3800, 0.3579.



This preview shows how white text looks on a background with the Yxy color 56.6391, 0.3800, 0.3579.

# 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

56.6391, 0.3800, 0.3579

### Protanopia

56.6967, 0.3460, 0.3675

### Deuteranopia

56.7886, 0.3716, 0.3643



## Tritanopia

56.6745, 0.3546, 0.3140

# Trichromacy



**Original Color**

56.6391, 0.3800, 0.3579

**Protanomaly**

56.4796, 0.3579, 0.3642

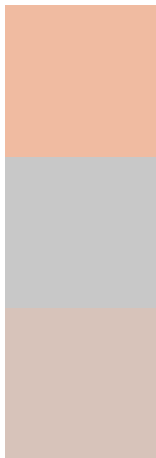
**Deuteranomaly**

56.8574, 0.3746, 0.3629

**Tritanomaly**

56.7546, 0.3645, 0.3302

# Monochromacy



**Original Color**

56.6391, 0.3800, 0.3579

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

57.0225, 0.3359, 0.3396

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.6391, 0.3800, 0.3579 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(240, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 161)  
}
```

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(240, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 161) }
```

## Border

The CSS property to change the border of an element to Yxy 56.6391, 0.3800, 0.3579 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(240, 187, 161) }
```

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

```
.border{ border-color:rgb(240, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 161);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
161) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.6391, 0.3800, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 161) }
```

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

```
.background{ background-color: rgb(240,  
187, 161) }
```

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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