

# Converting Colors

Yxy(56.1049, 0.3615, 0.3111)

Have a look what the booklet for  
Yxy(56.1049, 0.3615, 0.3111)  
contains.

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# Color

**Yxy(56.1049, 0.3615, 0.3111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB2C3
RGB	250, 178, 195
RGB Percent	98%, 70%, 76%
CMY	0.0197, 0.3019, 0.2351
CMYK	0.00, 0.29, 0.22, 0.02
HSL	346°, 88%, 84%
HSV	346°, 29%, 98%
XYZ	65.1942, 56.1049, 59.0445
YIQ	201.4660, 37.4550, 20.5510

# Conversions

## Conversions Part 2

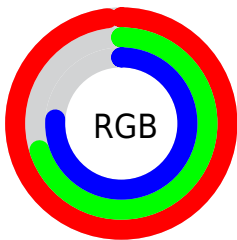
Format	Color
R <sub>Y</sub> B	250, 178, 195
Decimal	16429763
CIE Lab	79.67, 28.57, 1.86
CIE LCh	80, 28.629, 3.727
Yxy	56.1049, 0.3615, 0.3111
Android (android.graphics.Color)	4294619843 (0xFFFA B2C3)
YUV	201.4660, -3.1877, 42.5643
Hunter-Lab	74.9032, 24.2821, 5.6953

# Details

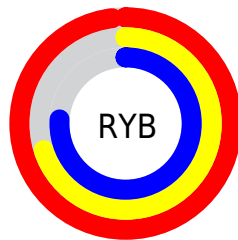
The Yxy color **56.1049, 0.3615, 0.3111** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7087, 0.2795, 0.3479**, and the grayscale version is **58.7180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0707, 0.3162, 0.3126**, and **27.7968, 0.3745, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **46.2399, 0.3864, 0.3047**, and if you desaturate by 10%, it is **67.8980, 0.3411, 0.3176**.

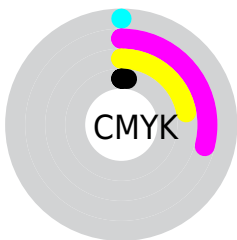
# Distribution



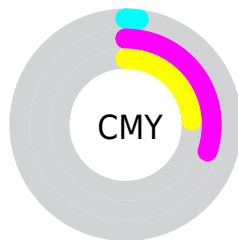
- Red (98%)
- Green (70%)
- Blue (76%)



- Red (98%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (2%)




- Cyan (2%)
- Magenta (30%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1049, 0.3615, 0.3111 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 56.1049, 0.3615, 0.3111 by changing the saturation by 10% instead.




 56.1049, 0.3615,  
0.3111

 56.1049, 0.3615,  
0.3111

410.0867, 0.3378,  
0.3199

 40.2870, 0.3672,  
0.3090


 99.1579, 0.3530,  
0.3143

 27.7624, 0.3744,  
0.3062


127.1619, 0.3498,  
0.3155

 18.1466, 0.3838,  
0.3026


159.9967, 0.3471,  
0.3165

 11.0553, 0.3966,  
0.2977

198.0467, 0.3447,  
0.3174

 6.1041, 0.4148,  
0.2906

241.6963, 0.3427,  
0.3181

 2.9085, 0.4430,  
0.2795

291.3299, 0.3408,

 1.0841, 0.4917,

0.3188

0.2597

347.3319, 0.3392,  
0.3194

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

56.1049, 0.3615,  
0.3111

56.1049, 0.3615,  
0.3111

46.2399, 0.3864,  
0.3047

67.8980, 0.3411,  
0.3176

38.1926, 0.4163,  
0.2988

81.7064, 0.3246,  
0.3238

31.8532, 0.4513,  
0.2943

97.6215, 0.3112,  
0.3297

27.0969, 0.4901,  
0.2922

99.0612, 0.3096,  
0.3290

■ 23.7816, 0.5303,  
0.2935

■ 21.7397, 0.5677,  
0.2988

■ 20.7286, 0.5981,  
0.3076

■ 20.6385, 0.6013,  
0.3086

# Harmonies

## Analogous

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



56.1049, 0.3256, 0.2858



56.1049, 0.3615, 0.3111



56.1049, 0.3841, 0.3415

# Triad

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



56.1049, 0.3615, 0.3111



56.1049, 0.3343, 0.3957



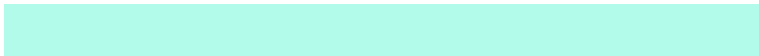
56.1049, 0.2441, 0.2820

# Complementary

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



56.1049, 0.3615, 0.3111



83.7087, 0.2795, 0.3479

# 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.



56.1049, 0.2462, 0.3096



56.1049, 0.3615, 0.3111



56.1049, 0.2968, 0.3787

# Square

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



56.1049, 0.3615, 0.3111



56.1049, 0.3673, 0.3917



56.1049, 0.2649, 0.3457



56.1049, 0.2589, 0.2687



# Rectangle

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



56.1049, 0.3615, 0.3111



56.1049, 0.3878, 0.3616



56.1049, 0.2649, 0.3457



56.1049, 0.2429, 0.2898

# Sweetspot

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



56.1075, 0.3615, 0.3111



85.1439, 0.3249, 0.3237



55.9000, 0.3020, 0.2540



17.7465, 0.3271, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

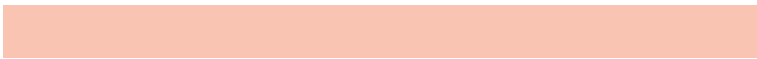
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1075, 0.3615, 0.3111



52.0237, 0.3765, 0.3071



63.0172, 0.3713, 0.3482



17.2925, 0.3257, 0.3234



10.9672, 0.5975, 0.3065



1.0315, 0.5647, 0.2884



# Inverse Universe

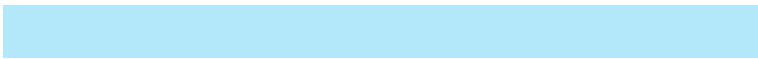
The Inverse Universe completely reimagines the original color for something new.



56.1075, 0.3615, 0.3111



52.0237, 0.3765, 0.3071



74.0755, 0.2688, 0.3088



17.2925, 0.3257, 0.3234



10.9672, 0.5975, 0.3065



1.0315, 0.5647, 0.2884



# Previews

## White Background



This preview shows how the Yxy color 56.1049, 0.3615, 0.3111 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

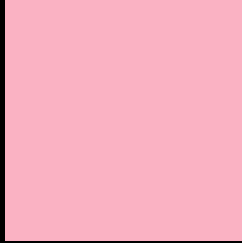
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.1049, 0.3615, 0.3111 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 56.1049, 0.3615, 0.3111**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.1049, 0.3615, 0.3111.

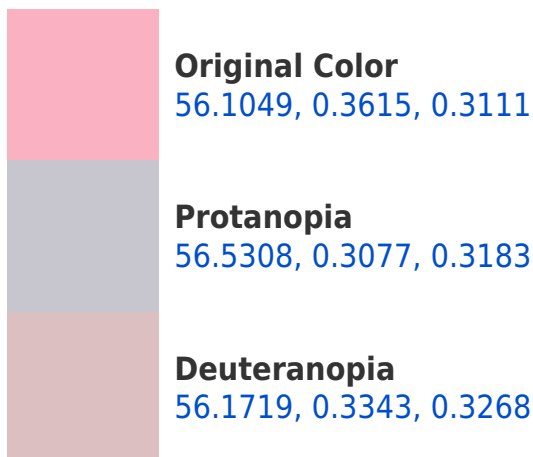


This preview shows how white text looks on a background with the Yxy color 56.1049, 0.3615, 0.3111.

# 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

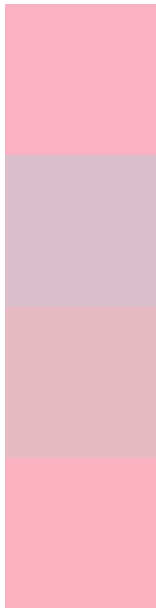




## Tritanopia

55.9706, 0.3642, 0.3143

# Trichromacy



## Original Color

56.1049, 0.3615, 0.3111

## Protanomaly

55.9966, 0.3265, 0.3153

## Deuteranomaly

55.8358, 0.3436, 0.3201

## Tritanomaly

56.0150, 0.3633, 0.3132

# Monochromacy



## Original Color

56.1049, 0.3615, 0.3111

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

57.3235, 0.3293, 0.3222

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.1049, 0.3615, 0.3111 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(250, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 195)  
}
```

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(250, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 56.1049, 0.3615, 0.3111 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(250, 178, 195) }
```

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

```
.border{ border-color:rgb(250, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.1049, 0.3615, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 195) }
```

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

```
.background{ background-color: rgb(250,  
178, 195) }
```

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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