

# Converting Colors

Yxy(58.3416, 0.3592, 0.3228)

Have a look what the booklet for  
Yxy(58.3416, 0.3592, 0.3228)  
contains.

<b>Yxy(58.5164, 0.3589, 0.3227)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(58.5164, 0.3589, 0.3227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6BAC0
RGB	246, 186, 192
RGB Percent	96%, 73%, 75%
CMY	0.0353, 0.2706, 0.2470
CMYK	0.00, 0.24, 0.22, 0.04
HSL	354°, 77%, 85%
HSV	354°, 24%, 96%
XYZ	65.0807, 58.5164, 57.7367
YIQ	204.6240, 33.8340, 14.5860

# Conversions

## Conversions Part 2

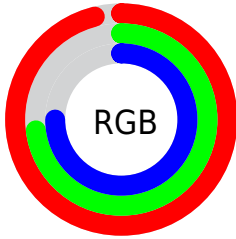
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 186, 192
Decimal	16169664
CIE <sub>Lab</sub>	81.03, 22.49, 5.40
CIE <sub>LCh</sub>	81, 23.127, 13.514
Y <sub>xy</sub>	58.5164, 0.3589, 0.3227
Android (android.graphics.Color)	4294359744 (0xFFFF6BAC0)
Y <sub>UV</sub>	204.6240, -6.2236, 36.2868
Hunter-Lab	76.4960, 17.9948, 8.7971

# Details

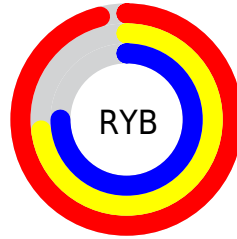
The Yxy color **58.5164, 0.3589, 0.3227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6449, 0.2798, 0.3355**, and the grayscale version is **60.8252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5416, 0.3176, 0.3232**, and **29.4580, 0.3707, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **48.1218, 0.3861, 0.3200**, and if you desaturate by 10%, it is **70.8482, 0.3369, 0.3254**.

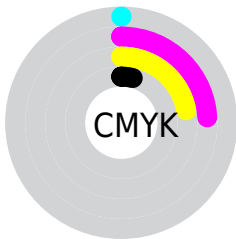
# Distribution



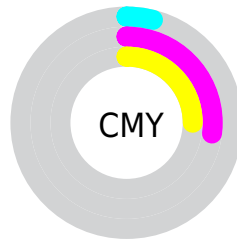
- Red (96%)
- Green (73%)
- Blue (75%)



- Red (96%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5164, 0.3589, 0.3227 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 58.5164, 0.3589, 0.3227 by changing the saturation by 10% instead.



 58.5164, 0.3589,  
0.3227

 58.5164, 0.3589,  
0.3227


419.1074, 0.3365,  
0.3260

 42.2239, 0.3643,  
0.3218


 102.6745, 0.3509,  
0.3239

 29.2767, 0.3710,  
0.3207


131.3089, 0.3479,  
0.3244

 19.2902, 0.3798,  
0.3192


164.8261, 0.3453,  
0.3248

 11.8802, 0.3917,  
0.3170

203.6104, 0.3431,  
0.3251

 6.6621, 0.4087,  
0.3136

248.0463, 0.3411,  
0.3254

 3.2517, 0.4348,  
0.3080


298.5182, 0.3394,

 1.2645, 0.4795,


0.3256


0.2971


355.4104, 0.3379,  
0.3258


 0.1135, 0.8527,  
0.1473


 0.0000, 0.0000,  
0.0000


 58.5164, 0.3589,  
0.3227

 58.5164, 0.3589,  
0.3227


 48.1218, 0.3861,  
0.3200


 70.8482, 0.3369,  
0.3254

 39.5585, 0.4194,  
0.3175

 85.2003, 0.3193,  
0.3279

 32.7224, 0.4587,  
0.3156

 98.3335, 0.3072,  
0.3290

 27.4962, 0.5028,  
0.3147

■ 23.7475, 0.5484,  
0.3154

■ 21.3231, 0.5894,  
0.3181

■ 20.0361, 0.6197,  
0.3225

■ 19.6621, 0.6308,  
0.3249

# Harmonies

## Analogous

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



58.5164, 0.3331, 0.3001



58.5164, 0.3589, 0.3227



58.5164, 0.3719, 0.3477

# Triad

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



58.5164, 0.3589, 0.3227



58.5164, 0.3206, 0.3789



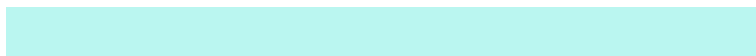
58.5164, 0.2599, 0.2867

# Complementary

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



58.5164, 0.3589, 0.3227



82.6449, 0.2798, 0.3355

# 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.



58.5164, 0.2570, 0.3057



58.5164, 0.3589, 0.3227



58.5164, 0.2911, 0.3606

# Square

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



58.5164, 0.3589, 0.3227



58.5164, 0.3489, 0.3816



58.5164, 0.2681, 0.3330



58.5164, 0.2761, 0.2795



# Rectangle

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



58.5164, 0.3589, 0.3227



58.5164, 0.3711, 0.3630



58.5164, 0.2681, 0.3330



58.5164, 0.2573, 0.2918

# Sweetspot

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



58.5191, 0.3589, 0.3227



88.1435, 0.3236, 0.3273



60.1250, 0.3101, 0.2672



18.6588, 0.3246, 0.3271



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.



58.5191, 0.3589, 0.3227



57.9783, 0.3709, 0.3214



68.7418, 0.3583, 0.3535



16.5094, 0.3278, 0.3267



10.5036, 0.6286, 0.3236



0.9320, 0.6051, 0.3107



# Inverse Universe

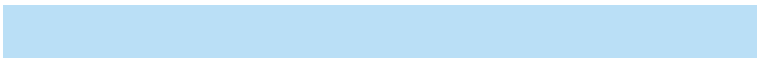
The Inverse Universe completely reimagines the original color for something new.



58.5191, 0.3589, 0.3227



57.9783, 0.3709, 0.3214



69.8712, 0.2745, 0.3031



16.5094, 0.3278, 0.3267



10.5036, 0.6286, 0.3236



0.9320, 0.6051, 0.3107



# Previews

## White Background



This preview shows how the Yxy color 58.5164, 0.3589, 0.3227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

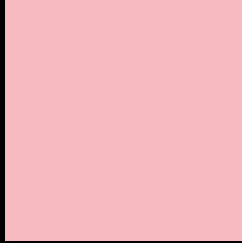
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.5164, 0.3589, 0.3227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

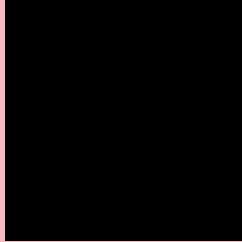
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.5164, 0.3589, 0.3227**

## Background



This preview shows how black text looks on a background with the Yxy color 58.5164, 0.3589, 0.3227.



This preview shows how white text looks on a background with the Yxy color 58.5164, 0.3589, 0.3227.

# 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

58.5164, 0.3589, 0.3227

### Protanopia

58.9226, 0.3166, 0.3302

### Deuteranopia

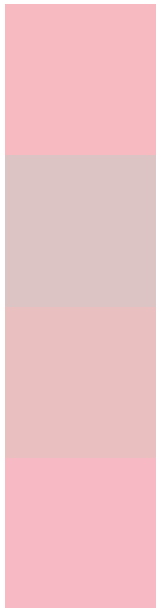
58.7555, 0.3411, 0.3348



## Tritanopia

58.5956, 0.3540, 0.3142

# Trichromacy



## Original Color

58.5164, 0.3589, 0.3227

## Protanomaly

58.7267, 0.3313, 0.3279

## Deuteranomaly

58.7845, 0.3475, 0.3302

## Tritanomaly

58.4576, 0.3566, 0.3174

# Monochromacy



## Original Color

58.5164, 0.3589, 0.3227

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

59.7739, 0.3287, 0.3268

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.5164, 0.3589, 0.3227 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(246, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(246, 186, 192)  
}
```

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(246, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 186, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 58.5164, 0.3589, 0.3227 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(246, 186, 192) }
```

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

```
.border{ border-color:rgb(246, 186, 192) }
```

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

Here you see how a box with a 4 pixel rgb(246, 186, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(246, 186,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.5164, 0.3589, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 186, 192) }
```

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

```
.background{ background-color: rgb(246,  
186, 192) }
```

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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