

# Converting Colors

Yxy(58.9968, 0.3646, 0.3163)

Have a look what the booklet for  
Yxy(58.9968, 0.3646, 0.3163)  
contains.

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# **Color**

**Yxy(59.0671, 0.3647, 0.3167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB7C3
RGB	255, 183, 195
RGB Percent	100%, 72%, 76%
CMY	0.0000, 0.2823, 0.2355
CMYK	0.00, 0.28, 0.24, 0.00
HSL	350°, 100%, 86%
HSV	350°, 28%, 100%
XYZ	68.0195, 59.0671, 59.4215
YIQ	205.8960, 39.0600, 18.9960

# Conversions

## Conversions Part 2

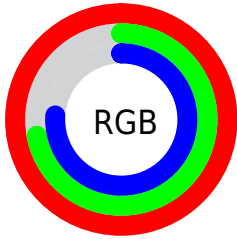
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 183, 195
Decimal	16758723
CIE Lab	81.33, 27.71, 4.37
CIE LCh	81, 28.057, 8.956
Yxy	59.0671, 0.3647, 0.3167
Android (android.graphics.Color)	4294948803 (0xFFFFB7C3)
YUV	205.8960, -5.3717, 43.0642
Hunter-Lab	76.8551, 23.4823, 7.9578

# Details

The Yxy color **59.0671, 0.3647, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0617, 0.2775, 0.3419**, and the grayscale version is **61.6682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9580, 0.3159, 0.3174**, and **29.4939, 0.3789, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **48.5913, 0.3919, 0.3122**, and if you desaturate by 10%, it is **71.5910, 0.3426, 0.3213**.

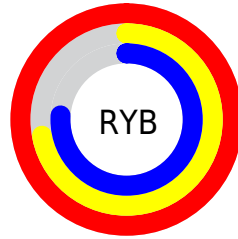
# Distribution



Red (100%)

Green (72%)

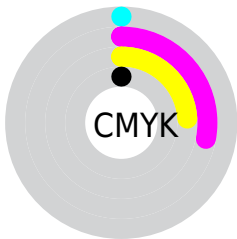
Blue (76%)



Red (100%)

Yellow (72%)

Blue (76%)

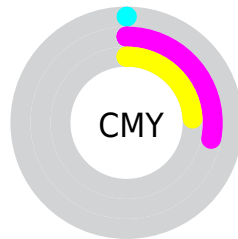


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (28%)


Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0671, 0.3647, 0.3167 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 59.0671, 0.3647, 0.3167 by changing the saturation by 10% instead.



 59.0671, 0.3647,  
0.3167

 59.0671, 0.3647,  
0.3167


421.1505, 0.3396,  
0.3229

 42.6671, 0.3707,  
0.3152


 103.4752, 0.3558,  
0.3190

 29.6240, 0.3783,  
0.3132


132.2521, 0.3524,  
0.3198

 19.5534, 0.3881,  
0.3105


165.9234, 0.3495,  
0.3205

 12.0708, 0.4013,  
0.3069

204.8736, 0.3470,  
0.3211

 6.7919, 0.4200,  
0.3016

249.4870, 0.3448,  
0.3217

 3.3323, 0.4486,  
0.2930

300.1480, 0.3428,

 1.3076, 0.4970,

0.3221

0.2774

357.2411, 0.3411,  
0.3225

0.1471, 0.8473,  
0.1527

0.0000, 0.0000,  
0.0000

59.0671, 0.3647,  
0.3167

59.0671, 0.3647,  
0.3167

48.5913, 0.3919,  
0.3122

71.5910, 0.3426,  
0.3213

40.0465, 0.4247,  
0.3082

86.2552, 0.3247,  
0.3256

33.3166, 0.4631,  
0.3052

99.9997, 0.3127,  
0.3290

28.2698, 0.5055,  
0.3041

■ 24.7560, 0.5485,  
0.3057

■ 22.5984, 0.5869,  
0.3104

■ 21.5556, 0.6154,  
0.3175

■ 21.4292, 0.6195,  
0.3186

# Harmonies

## Analogous

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



59.0671, 0.3316, 0.2910



59.0671, 0.3647, 0.3167



59.0671, 0.3833, 0.3464

# Triad

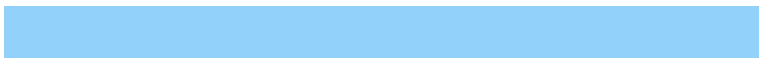
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.0671, 0.3647, 0.3167



59.0671, 0.3273, 0.3918



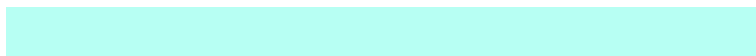
59.0671, 0.2478, 0.2804

# Complementary

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



59.0671, 0.3647, 0.3167



88.0617, 0.2775, 0.3419

# 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.



59.0671, 0.2469, 0.3049



59.0671, 0.3647, 0.3167



59.0671, 0.2915, 0.3721

# Square

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



59.0671, 0.3647, 0.3167



59.0671, 0.3606, 0.3914



59.0671, 0.2624, 0.3389



59.0671, 0.2648, 0.2701



# Rectangle

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



59.0671, 0.3647, 0.3167



59.0671, 0.3845, 0.3654



59.0671, 0.2624, 0.3389



59.0671, 0.2457, 0.2872

# Sweetspot

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



59.0699, 0.3647, 0.3167



86.6201, 0.3244, 0.3257



60.1465, 0.3068, 0.2565



18.0363, 0.3268, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

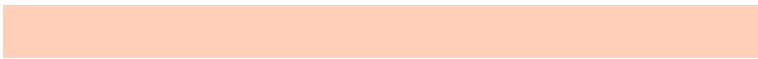
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0699, 0.3647, 0.3167



52.7822, 0.3797, 0.3141



69.3083, 0.3683, 0.3540



18.0363, 0.3268, 0.3251



11.2117, 0.6163, 0.3169



1.1048, 0.5884, 0.3015



# Inverse Universe

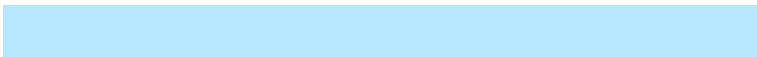
The Inverse Universe completely reimagines the original color for something new.



59.0699, 0.3647, 0.3167



52.7822, 0.3797, 0.3141



74.4420, 0.2688, 0.3025



18.0363, 0.3268, 0.3251



11.2117, 0.6163, 0.3169



1.1048, 0.5884, 0.3015



# Previews

## White Background



This preview shows how the Yxy color 59.0671, 0.3647, 0.3167 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

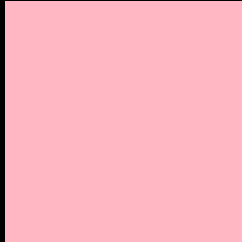
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.0671, 0.3647, 0.3167 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 59.0671, 0.3647, 0.3167**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.0671, 0.3647, 0.3167.



This preview shows how white text looks on a background with the Yxy color 59.0671, 0.3647, 0.3167.

# 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

59.0671, 0.3647, 0.3167

### Protanopia

59.1602, 0.3129, 0.3243

### Deuteranopia

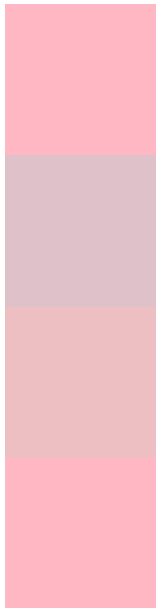
59.4989, 0.3393, 0.3325



## Tritanopia

59.1582, 0.3629, 0.3146

# Trichromacy



**Original Color**

59.0671, 0.3647, 0.3167

**Protanomaly**

58.4886, 0.3309, 0.3211

**Deuteranomaly**

59.1612, 0.3486, 0.3258

**Tritanomaly**

59.1125, 0.3638, 0.3156

# Monochromacy



**Original Color**

59.0671, 0.3647, 0.3167

**Achromatopsia**

61.7207, 0.3127, 0.3290

**Achromatomaly**

60.4997, 0.3304, 0.3246

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.0671, 0.3647, 0.3167 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(255, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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(255, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 59.0671, 0.3647, 0.3167 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(255, 183, 195) }
```

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

```
.border{ border-color:rgb(255, 183, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.0671, 0.3647, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 195) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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