

# Converting Colors

$Yxy(59.5243, 0.3433, 0.2888)$

Have a look what the booklet for  
Yxy(59.5243, 0.3433, 0.2888)  
contains.

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# Color

**Yxy(59.5282, 0.3429, 0.2883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB5DD
RGB	255, 181, 221
RGB Percent	100%, 71%, 87%
CMY	0.0001, 0.2901, 0.1334
CMYK	0.00, 0.29, 0.13, 0.00
HSL	328°, 100%, 85%
HSV	328°, 29%, 100%
XYZ	70.8020, 59.5282, 76.1498
YIQ	207.6860, 31.2640, 28.1280

# Conversions

## Conversions Part 2

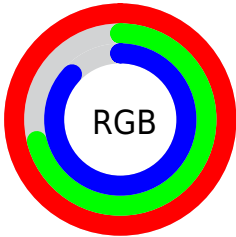
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 181, 221
Decimal	16758237
CIE Lab	81.58, 32.64, -9.28
CIE LCh	82, 33.938, 344.123
Yxy	59.5282, 0.3429, 0.2883
Android (android.graphics.Color)	4294948317 (0xFFFFB5DD)
YUV	207.6860, 6.5638, 41.4944
Hunter-Lab	77.1545, 28.7828, -4.5098

# Details

The Yxy color **59.5282, 0.3429, 0.2883** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.2295, 0.2907, 0.3738**, and the grayscale version is **62.8049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.8022, 0.3500, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **49.4890, 0.3574, 0.2739**, and if you desaturate by 10%, it is **71.5137, 0.3307, 0.3028**.

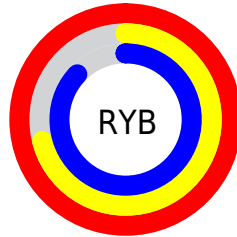
# Distribution



Red (100%)

Green (71%)

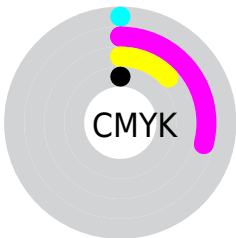
Blue (87%)



Red (100%)

Yellow (71%)

Blue (87%)

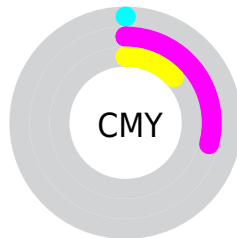


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5282, 0.3429, 0.2883 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 59.5282, 0.3429, 0.2883 by changing the saturation by 10% instead.





 59.5282, 0.3429,  
0.2883

 59.5282, 0.3429,  
0.2883

422.8565, 0.3288,  
0.3072

 43.0385, 0.3462,  
0.2840


 104.1450, 0.3380,  
0.2948

 29.9153, 0.3502,  
0.2787


133.0408, 0.3360,  
0.2974

 19.7743, 0.3554,  
0.2719

166.8407, 0.3344,  
0.2996

 12.2311, 0.3623,  
0.2631

205.9292, 0.3330,  
0.3015

 6.9013, 0.3717,  
0.2511

250.6907, 0.3317,  
0.3032

 3.4004, 0.3856,  
0.2339

301.5094, 0.3306,

 1.3442, 0.4077,

0.3047

0.2072

358.7699, 0.3296,  
0.3060

0.1750, 0.4885,  
0.0882

0.0000, 0.0000,  
0.0000

59.5282, 0.3429,  
0.2883

59.5282, 0.3429,  
0.2883

49.4890, 0.3574,  
0.2739

71.5137, 0.3307,  
0.3028

41.2834, 0.3742,  
0.2603

85.5340, 0.3204,  
0.3169

34.7998, 0.3933,  
0.2485

99.9928, 0.3127,  
0.3290

29.9109, 0.4143,  
0.2398

■ 26.4714, 0.4365,  
0.2354

■ 24.3092, 0.4589,  
0.2364

■ 23.1708, 0.4805,  
0.2425

■ 23.0812, 0.4827,  
0.2433

# Harmonies

## Analogous

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



59.5282, 0.2983, 0.2664



59.5282, 0.3429, 0.2883



59.5282, 0.3810, 0.3198

# Triad

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



59.5282, 0.3429, 0.2883



59.5282, 0.3637, 0.4062



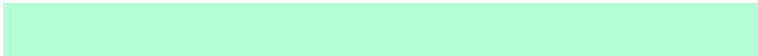
59.5282, 0.2331, 0.2933

# Complementary

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



59.5282, 0.3429, 0.2883



86.2295, 0.2907, 0.3738

# 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.



59.5282, 0.2480, 0.3331



59.5282, 0.3429, 0.2883



59.5282, 0.3222, 0.4032

# Square

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



59.5282, 0.3429, 0.2883



59.5282, 0.3926, 0.3869



59.5282, 0.2800, 0.3753



59.5282, 0.2375, 0.2672



# Rectangle

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



59.5282, 0.3429, 0.2883



59.5282, 0.3961, 0.3432



59.5282, 0.2800, 0.3753



59.5282, 0.2359, 0.3054

# Sweetspot

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



59.5309, 0.3429, 0.2883



85.5605, 0.3204, 0.3169



54.6173, 0.2851, 0.2496



17.8488, 0.3218, 0.3149



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.



59.5309, 0.3429, 0.2883



53.2956, 0.3513, 0.2796



57.8027, 0.3742, 0.3253



18.1513, 0.3209, 0.3162



12.0950, 0.4793, 0.2414



1.1997, 0.4562, 0.2287



# Inverse Universe

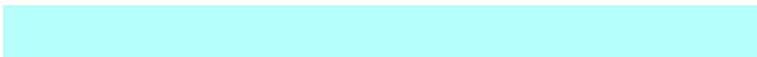
The Inverse Universe completely reimagines the original color for something new.



59.5309, 0.3429, 0.2883



53.2956, 0.3513, 0.2796



88.3044, 0.2724, 0.3329



18.1513, 0.3209, 0.3162



12.0950, 0.4793, 0.2414



1.1997, 0.4562, 0.2287



# Previews

## White Background



This preview shows how the Yxy color 59.5282, 0.3429, 0.2883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

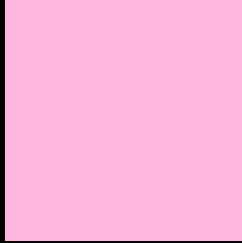
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.5282, 0.3429, 0.2883 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 59.5282, 0.3429, 0.2883**

## Background



This preview shows how black text looks on a background with the Yxy color 59.5282, 0.3429, 0.2883.



This preview shows how white text looks on a background with the Yxy color 59.5282, 0.3429, 0.2883.

# 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

59.5282, 0.3429, 0.2883

### Protanopia

60.0519, 0.2873, 0.2924

### Deuteranopia

59.5934, 0.3123, 0.3054



## Tritanopia

59.5169, 0.3582, 0.3145

# Trichromacy



## Original Color

59.5282, 0.3429, 0.2883



## Protanomaly

59.1461, 0.3060, 0.2903



## Deuteranomaly

59.1991, 0.3230, 0.2985



## Tritanomaly

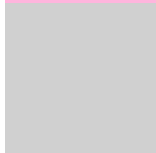
59.6686, 0.3525, 0.3052

# Monochromacy



## Original Color

59.5282, 0.3429, 0.2883



## Achromatopsia

63.0757, 0.3127, 0.3290



## Achromatomaly

61.1998, 0.3229, 0.3124

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.5282, 0.3429, 0.2883 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, 181, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 221)  
}
```

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, 181, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 221) }
```

## Border

The CSS property to change the border of an element to Yxy 59.5282, 0.3429, 0.2883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

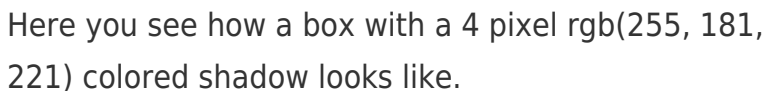
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 221) }
```

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

```
.border{ border-color:rgb(255, 181, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 181, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 221); box-shadow:4px 4px 4px 4px rgb(255, 181, 221) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.5282, 0.3429, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 221) }
```

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

```
.background{ background-color: rgb(255,  
181, 221) }
```

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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