

# Converting Colors

Yxy(65.1366, 0.3547, 0.2933)

Have a look what the booklet for  
Yxy(65.1366, 0.3547, 0.2933)  
contains.

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# Color

**Yxy(61.7055, 0.3406, 0.2914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBADF
RGB	255, 186, 223
RGB Percent	100%, 73%, 87%
CMY	0.0000, 0.2706, 0.1255
CMYK	0.00, 0.27, 0.13, 0.00
HSL	328°, 100%, 86%
HSV	328°, 27%, 100%
XYZ	72.1239, 61.7055, 77.9260
YIQ	210.8490, 29.2470, 26.1350

# Conversions

## Conversions Part 2

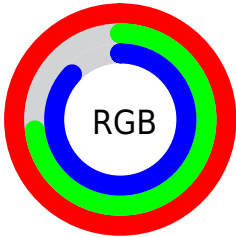
Format	Color
R <sub>Y</sub> B	255, 186, 223
Decimal	16759519
CIE Lab	82.76, 30.38, -8.63
CIE LCh	83, 31.581, 344.146
Yxy	61.7055, 0.3406, 0.2914
Android (android.graphics.Color)	4294949599 (0xFFFFBADF)
YUV	210.8490, 5.9904, 38.7204
Hunter-Lab	78.5528, 26.4236, -3.8298

# Details

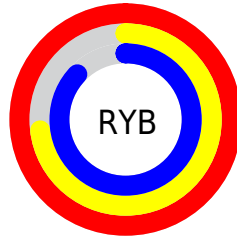
The Yxy color **61.7055, 0.3406, 0.2914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.0201, 0.2920, 0.3700**, and the grayscale version is **64.9803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **31.2000, 0.3467, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **51.2867, 0.3547, 0.2770**, and if you desaturate by 10%, it is **74.0842, 0.3287, 0.3058**.

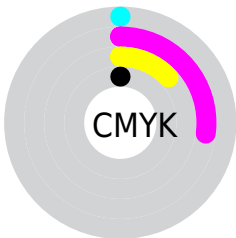
# Distribution



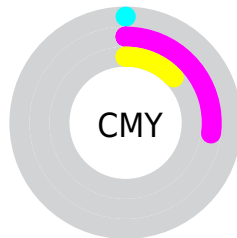
- Red (100%)
- Green (73%)
- Blue (87%)



- Red (100%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7055, 0.3406, 0.2914 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 61.7055, 0.3406, 0.2914 by changing the saturation by 10% instead.




 61.7055, 0.3406,  
0.2914

 61.7055, 0.3406,  
0.2914


430.8560, 0.3276,  
0.3088

 44.7948, 0.3436,  
0.2874


 107.2998, 0.3361,  
0.2974

 31.2958, 0.3473,  
0.2826


136.7521, 0.3343,  
0.2998

 20.8242, 0.3521,  
0.2764


171.1538, 0.3328,  
0.3018

 12.9956, 0.3583,  
0.2683

210.8892, 0.3315,  
0.3035

 7.4255, 0.3668,  
0.2574

256.3428, 0.3303,  
0.3051

 3.7296, 0.3793,  
0.2418

307.8988, 0.3293,

 1.5235, 0.3991,

0.3064

0.2176

365.9418, 0.3284,  
0.3077

0.3052, 0.4575,  
0.1334

0.0000, 0.0000,  
0.0000

61.7055, 0.3406,  
0.2914

61.7055, 0.3406,  
0.2914

51.2867, 0.3547,  
0.2770

74.0842, 0.3287,  
0.3058

42.7275, 0.3712,  
0.2633

88.5206, 0.3187,  
0.3197

35.9147, 0.3901,  
0.2511

100.0000, 0.3127,  
0.3290

30.7236, 0.4110,  
0.2418

■ 27.0130, 0.4333,  
0.2366

■ 24.6169, 0.4561,  
0.2366

■ 23.3236, 0.4780,  
0.2420

■ 23.0597, 0.4844,  
0.2442

# Harmonies

## Analogous

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



61.7055, 0.2996, 0.2710



61.7055, 0.3406, 0.2914



61.7055, 0.3755, 0.3207

# Triad

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



61.7055, 0.3406, 0.2914



61.7055, 0.3598, 0.3999



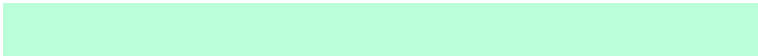
61.7055, 0.2390, 0.2964

# Complementary

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



61.7055, 0.3406, 0.2914



87.0201, 0.2920, 0.3700

# 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.



61.7055, 0.2530, 0.3330



61.7055, 0.3406, 0.2914



61.7055, 0.3217, 0.3968

# Square

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



61.7055, 0.3406, 0.2914



61.7055, 0.3863, 0.3827



61.7055, 0.2827, 0.3714



61.7055, 0.2432, 0.2721



# Rectangle

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



61.7055, 0.3406, 0.2914



61.7055, 0.3893, 0.3425



61.7055, 0.2827, 0.3714



61.7055, 0.2417, 0.3076

# Sweetspot

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



61.7047, 0.3406, 0.2914



87.0736, 0.3196, 0.3184



57.0957, 0.2873, 0.2554



18.1500, 0.3210, 0.3163



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.



61.7047, 0.3406, 0.2914



56.3193, 0.3473, 0.2843



60.0701, 0.3687, 0.3256



18.1500, 0.3210, 0.3163



12.0797, 0.4810, 0.2423



1.1982, 0.4577, 0.2295



# Inverse Universe

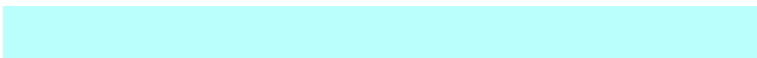
The Inverse Universe completely reimagines the original color for something new.



61.7047, 0.3406, 0.2914



56.3193, 0.3473, 0.2843



88.9585, 0.2748, 0.3326



18.1500, 0.3210, 0.3163



12.0797, 0.4810, 0.2423



1.1982, 0.4577, 0.2295



# Previews

## White Background



This preview shows how the Yxy color 61.7055, 0.3406, 0.2914 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

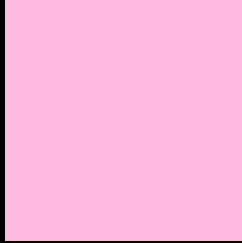
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.7055, 0.3406, 0.2914 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 61.7055, 0.3406, 0.2914**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.7055, 0.3406, 0.2914.



This preview shows how white text looks on a background with the Yxy color 61.7055, 0.3406, 0.2914.

# 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

61.7055, 0.3406, 0.2914

### Protanopia

62.2174, 0.2903, 0.2952

### Deuteranopia

61.6915, 0.3138, 0.3068



## Tritanopia

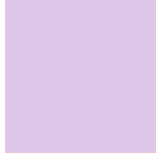
61.6375, 0.3540, 0.3135

# Trichromacy



## Original Color

61.7055, 0.3406, 0.2914



## Protanomaly

61.5298, 0.3068, 0.2929



## Deuteranomaly

61.5743, 0.3235, 0.3010



## Tritanomaly

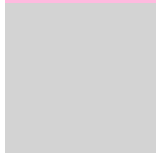
61.7404, 0.3493, 0.3054

# Monochromacy



## Original Color

61.7055, 0.3406, 0.2914



## Achromatopsia

65.1406, 0.3127, 0.3290



## Achromatomaly

63.4782, 0.3227, 0.3148

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.7055, 0.3406, 0.2914 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, 186, 223)` looks like.

```
.text, #text, p{  
  color:rgb(255, 186, 223)  
}
```

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, 186, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 61.7055, 0.3406, 0.2914 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, 186, 223) }
```

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

```
.border{ border-color:rgb(255, 186, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 223); box-shadow:4px 4px 4px 4px rgb(255, 186, 223) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.7055, 0.3406, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 223) }
```

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

```
.background{ background-color: rgb(255,  
186, 223) }
```

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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