

# Converting Colors

Yxy(66.8559, 0.3149, 0.2881)

Have a look what the booklet for  
Yxy(66.8559, 0.3149, 0.2881)  
contains.

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# Color

**Yxy(66.8249, 0.3146, 0.2879)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1C9F1
RGB	241, 201, 241
RGB Percent	95%, 79%, 95%
CMY	0.0552, 0.2116, 0.0549
CMYK	0.00, 0.17, 0.00, 0.05
HSL	300°, 59%, 87%
HSV	300°, 17%, 95%
XYZ	73.0223, 66.8249, 92.2643
YIQ	217.5200, 11.0000, 20.9200

# Conversions

## Conversions Part 2

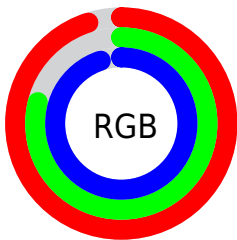
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 201, 241
Decimal	15845873
CIE Lab	85.42, 20.80, -14.40
CIE LCh	85, 25.304, 325.304
Yxy	66.8249, 0.3146, 0.2879
Android (android.graphics.Color)	4294035953 (0xFFFF1C9F1)
YUV	217.5200, 11.5756, 20.5920
Hunter-Lab	81.7465, 16.3936, -9.6959

# Details

The Yxy color **66.8249, 0.3146, 0.2879** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.5563, 0.3107, 0.3738**, and the grayscale version is **69.6748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6845, 0.3151, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **56.4511, 0.3157, 0.2628**, and if you desaturate by 10%, it is **78.9673, 0.3135, 0.3129**.

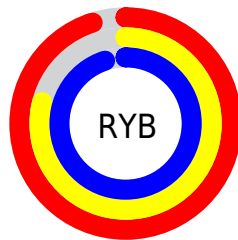
# Distribution



Red (95%)

Green (79%)

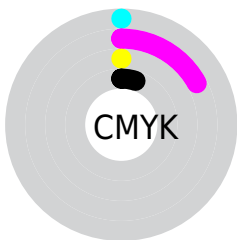
Blue (95%)



Red (95%)

Yellow (79%)

Blue (95%)

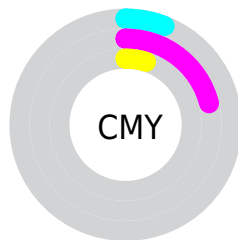


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (21%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8249, 0.3146, 0.2879 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 66.8249, 0.3146, 0.2879 by changing the saturation by 10% instead.




 66.8249, 0.3146,  
0.2879

 66.8249, 0.3146,  
0.2879

449.3212, 0.3140,  
0.3066

 48.9423, 0.3147,  
0.2837


114.6695, 0.3144,  
0.2943

 34.5737, 0.3147,  
0.2786


145.4003, 0.3144,  
0.2968

 23.3347, 0.3148,  
0.2722


181.1826, 0.3143,  
0.2990

 14.8409, 0.3148,  
0.2639

222.4009, 0.3142,  
0.3009

 8.7078, 0.3146,  
0.2529

269.4395, 0.3142,  
0.3026

 4.5511, 0.3141,  
0.2374


322.6828, 0.3141,


 1.9863, 0.3126,


0.3040


0.2142


382.5153, 0.3140,  
0.3054


 0.5995, 0.3108,  
0.1693


 0.0000, 0.0531,  
0.0000

 66.8249, 0.3146,  
0.2879


 66.8249, 0.3146,  
0.2879

 56.4511, 0.3157,  
0.2628


 78.9673, 0.3135,  
0.3129


 47.7551, 0.3169,  
0.2384

 92.9462, 0.3123,  
0.3372

 40.6515, 0.3179,  
0.2157


 96.5789, 0.3121,  
0.3428

 35.0437, 0.3188,  
0.1957

 96.5852, 0.3121,  
0.3428

 30.8247, 0.3195,  
0.1791


 96.5914, 0.3121,  
0.3428


 27.8733, 0.3200,  
0.1668


 96.5977, 0.3122,  
0.3428


 26.0477, 0.3204,  
0.1587

 96.6039, 0.3122,  
0.3428

 25.1691, 0.3205,  
0.1548

 96.6102, 0.3122,  
0.3428

 24.9882, 0.3205,  
0.1539

 96.6164, 0.3122,  
0.3428

# Harmonies

## Analogous

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



66.8249, 0.2843, 0.2780



66.8249, 0.3146, 0.2879



66.8249, 0.3458, 0.3074

# Triad

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



66.8249, 0.3146, 0.2879



66.8249, 0.3643, 0.3779



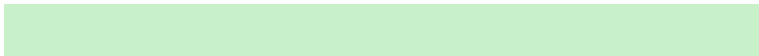
66.8249, 0.2599, 0.3213

# Complementary

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



66.8249, 0.3146, 0.2879



79.5563, 0.3107, 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.



66.8249, 0.2794, 0.3514



66.8249, 0.3146, 0.2879



66.8249, 0.3395, 0.3851

# Square

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



66.8249, 0.3146, 0.2879



66.8249, 0.3752, 0.3581



66.8249, 0.3084, 0.3756



66.8249, 0.2539, 0.2954



# Rectangle

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



66.8249, 0.3146, 0.2879



66.8249, 0.3623, 0.3239



66.8249, 0.3084, 0.3756



66.8249, 0.2650, 0.3313

# Sweetspot

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



66.8278, 0.3146, 0.2879



92.1296, 0.3133, 0.3168



60.8712, 0.2856, 0.2849



19.4919, 0.3134, 0.3150



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.



66.8278, 0.3146, 0.2879



71.6515, 0.3150, 0.2791



65.7443, 0.3287, 0.3073



16.0302, 0.3138, 0.3057



13.5517, 0.3206, 0.1540



1.1278, 0.3206, 0.1540



# Inverse Universe

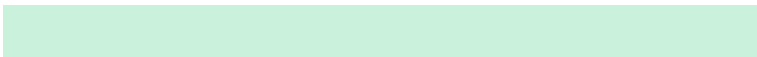
The Inverse Universe completely reimagines the original color for something new.



64.7088, 0.3443, 0.3290



68.8090, 0.3526, 0.3290



80.5154, 0.2993, 0.3517



15.7592, 0.3293, 0.3290



10.1416, 0.6399, 0.3299

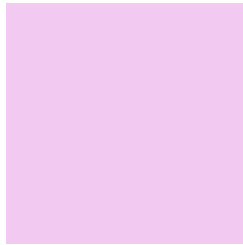


0.8438, 0.6395, 0.3297



# Previews

## White Background



This preview shows how the Yxy color 66.8249, 0.3146, 0.2879 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

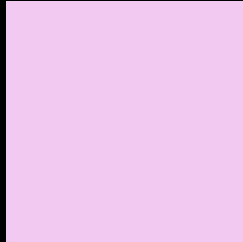
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 66.8249, 0.3146, 0.2879 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 66.8249, 0.3146, 0.2879**

## **Background**



This preview shows how black text looks on a background with the Yxy color 66.8249, 0.3146, 0.2879.



This preview shows how white text looks on a background with the Yxy color 66.8249, 0.3146, 0.2879.

# 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

66.8249, 0.3146, 0.2879

### Protanopia

67.1297, 0.2859, 0.2898

### Deuteranopia

66.9326, 0.3012, 0.2947



## Tritanopia

67.0602, 0.3265, 0.3121

# Trichromacy



## Original Color

66.8249, 0.3146, 0.2879

## Protanomaly

66.7644, 0.2959, 0.2894

## Deuteranomaly

66.6119, 0.3063, 0.2920

## Tritanomaly

67.1379, 0.3222, 0.3039

# Monochromacy



## Original Color

66.8249, 0.3146, 0.2879

## Achromatopsia

70.1102, 0.3127, 0.3290

## Achromatomaly

68.7467, 0.3134, 0.3139

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.8249, 0.3146, 0.2879 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(241, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 201, 241)  
}
```

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(241, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 201, 241) }
```

## Border

The CSS property to change the border of an element to Yxy 66.8249, 0.3146, 0.2879 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(241, 201, 241) }
```

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

```
.border{ border-color:rgb(241, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 201, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 201, 241); box-shadow:4px 4px 4px 4px rgb(241, 201, 241) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.8249, 0.3146, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 201, 241) }
```

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

```
.background{ background-color: rgb(241,  
201, 241) }
```

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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