

# Converting Colors

$Yxy(74.8757, 0.3155, 0.3036)$

Have a look what the booklet for  
Yxy(74.8757, 0.3155, 0.3036)  
contains.

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# Color

**Yxy(74.6957, 0.3161, 0.3037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D8F1
RGB	244, 216, 241
RGB Percent	96%, 85%, 95%
CMY	0.0430, 0.1529, 0.0550
CMYK	0.00, 0.11, 0.01, 0.04
HSL	307°, 56%, 90%
HSV	307°, 11%, 96%
XYZ	77.7455, 74.6957, 93.5110
YIQ	227.2220, 8.6630, 13.7110

# Conversions

## Conversions Part 2

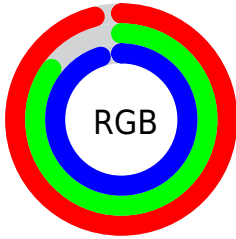
Format	Color
R <sub>Y</sub> B	244, 216, 241
Decimal	16046321
CIE Lab	89.25, 13.94, -8.64
CIE LCh	89, 16.404, 328.213
Yxy	74.6957, 0.3161, 0.3037
Android (android.graphics.Color)	4294236401 (0xFFFF4D8F1)
YUV	227.2220, 6.7926, 14.7143
Hunter-Lab	86.4267, 9.3238, -3.6513

# Details

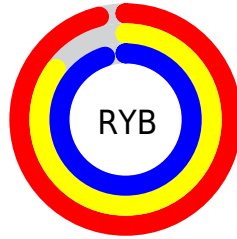
The Yxy color **74.6957, 0.3161, 0.3037** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.4389, 0.3095, 0.3557**, and the grayscale version is **76.9342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6839, 0.3170, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **62.9512, 0.3194, 0.2810**, and if you desaturate by 10%, it is **88.3059, 0.3131, 0.3258**.

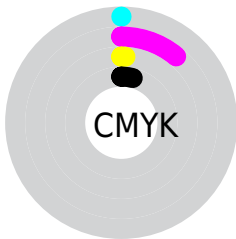
# Distribution



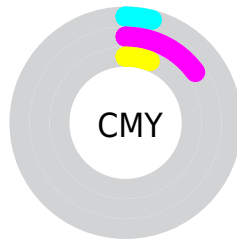
- Red (96%)
- Green (85%)
- Blue (95%)



- Red (96%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6957, 0.3161, 0.3037 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 74.6957, 0.3161, 0.3037 by changing the saturation by 10% instead.




 74.6957, 0.3161,  
0.3037

 74.6957, 0.3161,  
0.3037

476.8710, 0.3147,  
0.3151

 55.3636, 0.3164,  
0.3012


125.8815, 0.3156,  
0.3076

 39.6929, 0.3168,  
0.2980


158.5041, 0.3154,  
0.3091

 27.2992, 0.3172,  
0.2942


196.3255, 0.3153,  
0.3105

 17.7981, 0.3178,  
0.2891

239.7304, 0.3151,  
0.3116

 10.8051, 0.3185,  
0.2825

289.1029, 0.3150,  
0.3127

 5.9359, 0.3193,  
0.2731

344.8276, 0.3149,

 2.8062, 0.3205,

0.3136

0.2591

407.2889, 0.3147,  
0.3144

1.0314, 0.3219,  
0.2359

0.0000, 0.3373,  
0.0000

74.6957, 0.3161,  
0.3037

74.6957, 0.3161,  
0.3037

62.9512, 0.3194,  
0.2810

88.3059, 0.3131,  
0.3258

52.9811, 0.3231,  
0.2584

97.4321, 0.3109,  
0.3375

44.7010, 0.3272,  
0.2366

97.5976, 0.3094,  
0.3349

38.0158, 0.3314,  
0.2166

97.7655, 0.3079,  
0.3322

■ 32.8210, 0.3357,  
0.1994

■ 97.9357, 0.3064,  
0.3296

■ 28.9997, 0.3400,  
0.1858

■ 97.9793, 0.3060,  
0.3290

■ 26.4175, 0.3442,  
0.1766

■ 24.9130, 0.3481,  
0.1719

■ 24.2657, 0.3511,  
0.1708

# Harmonies

## Analogous

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



74.6957, 0.2967, 0.2967



74.6957, 0.3161, 0.3037



74.6957, 0.3351, 0.3169

# Triad

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



74.6957, 0.3161, 0.3037



74.6957, 0.3439, 0.3606



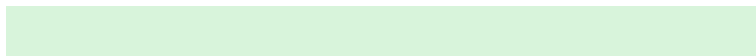
74.6957, 0.2785, 0.3229

# Complementary

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



74.6957, 0.3161, 0.3037



84.4389, 0.3095, 0.3557

# 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.



74.6957, 0.2904, 0.3412



74.6957, 0.3161, 0.3037



74.6957, 0.3280, 0.3635

# Square

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



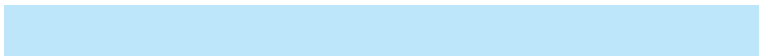
74.6957, 0.3161, 0.3037



74.6957, 0.3514, 0.3494



74.6957, 0.3084, 0.3564



74.6957, 0.2755, 0.3071



# Rectangle

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



74.6957, 0.3161, 0.3037



74.6957, 0.3448, 0.3278



74.6957, 0.3084, 0.3564



74.6957, 0.2816, 0.3290

# Sweetspot

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



74.6989, 0.3161, 0.3037



95.1620, 0.3136, 0.3225



70.6740, 0.2964, 0.2991



20.0988, 0.3138, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

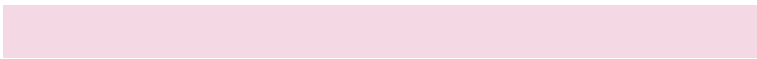
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6989, 0.3161, 0.3037



79.0506, 0.3169, 0.2980



73.9079, 0.3255, 0.3175



16.7352, 0.3155, 0.3082



13.2027, 0.3506, 0.1705



1.1692, 0.3464, 0.1682



# Inverse Universe

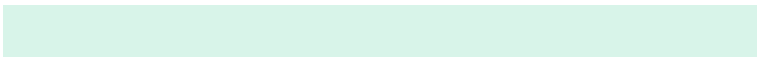
The Inverse Universe completely reimagines the original color for something new.



74.6989, 0.3161, 0.3037



79.0506, 0.3169, 0.2980



85.1938, 0.3015, 0.3408



16.7352, 0.3155, 0.3082



13.2027, 0.3506, 0.1705

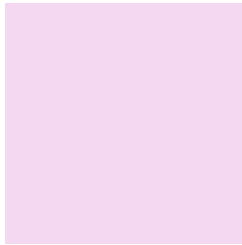


1.1692, 0.3464, 0.1682



# Previews

## White Background



This preview shows how the Yxy color 74.6957, 0.3161, 0.3037 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

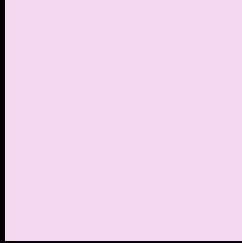
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.6957, 0.3161, 0.3037 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

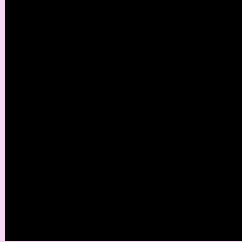
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.6957, 0.3161, 0.3037**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.6957, 0.3161, 0.3037.



This preview shows how white text looks on a background with the Yxy color 74.6957, 0.3161, 0.3037.

# 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

74.6957, 0.3161, 0.3037

### Protanopia

74.8975, 0.2981, 0.3058

### Deuteranopia

74.8444, 0.3124, 0.3055



## Tritanopia

74.6209, 0.3200, 0.3116

# Trichromacy



## Original Color

74.6957, 0.3161, 0.3037

## Protanomaly

74.5410, 0.3041, 0.3041

## Deuteranomaly

74.6774, 0.3139, 0.3045

## Tritanomaly

74.7948, 0.3180, 0.3086

# Monochromacy



## Original Color

74.6957, 0.3161, 0.3037

## Achromatopsia

76.8151, 0.3127, 0.3290

## Achromatomaly

75.9252, 0.3139, 0.3196

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.6957, 0.3161, 0.3037 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(244, 216, 241)` looks like.

```
.text, #text, p{  
    color:rgb(244, 216, 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(244, 216, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 216, 241) }
```

## Border

The CSS property to change the border of an element to Yxy 74.6957, 0.3161, 0.3037 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(244, 216, 241) }
```

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

```
.border{ border-color:rgb(244, 216, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 216, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 216, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 216, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 216,  
241) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.6957, 0.3161, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 216, 241) }
```

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

```
.background{ background-color: rgb(244,  
216, 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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