

# Converting Colors

$Y_{xy}(74.4930, 0.3145, 0.2919)$

Have a look what the booklet for  
Yxy(74.4930, 0.3145, 0.2919)  
contains.

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# Color

**Yxy(74.3131, 0.3145, 0.2913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD4FA
RGB	250, 212, 250
RGB Percent	98%, 83%, 98%
CMY	0.0195, 0.1686, 0.0196
CMYK	0.00, 0.15, 0.00, 0.02
HSL	300°, 79%, 91%
HSV	300°, 15%, 98%
XYZ	80.2316, 74.3131, 100.5638
YIQ	227.6940, 10.4500, 19.8740

# Conversions

## Conversions Part 2

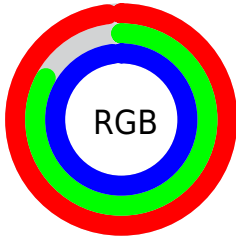
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 212, 250
Decimal	16438522
CIE Lab	89.07, 19.65, -13.62
CIE LCh	89, 23.907, 325.285
Yxy	74.3131, 0.3145, 0.2913
Android (android.graphics.Color)	4294628602 (0xFFFAD4FA)
YUV	227.6940, 10.9969, 19.5624
Hunter-Lab	86.2050, 15.2723, -8.8221

# Details

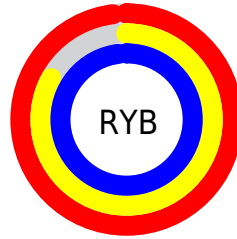
The Yxy color **74.3131, 0.3145, 0.2913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.1403, 0.3108, 0.3698**, and the grayscale version is **77.2646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3017, 0.3149, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **62.7683, 0.3157, 0.2661**, and if you desaturate by 10%, it is **87.7999, 0.3133, 0.3163**.

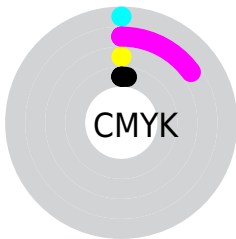
# Distribution



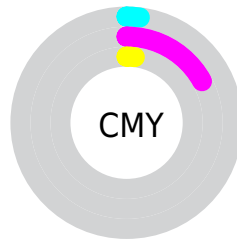
- Red (98%)
- Green (83%)
- Blue (98%)



- Red (98%)
- Yellow (83%)
- Blue (98%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (17%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3131, 0.3145, 0.2913 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 74.3131, 0.3145, 0.2913 by changing the saturation by 10% instead.




 74.3131, 0.3145,  
0.2913

 74.3131, 0.3145,  
0.2913


475.5533, 0.3139,  
0.3082

 55.0503, 0.3146,  
0.2876


125.3395, 0.3143,  
0.2970

 39.4420, 0.3147,  
0.2831

157.8720, 0.3143,  
0.2993

 27.1038, 0.3147,  
0.2775


195.5965, 0.3142,  
0.3013

 17.6512, 0.3148,  
0.2703

238.8975, 0.3141,  
0.3030

 10.6998, 0.3147,  
0.2608

288.1592, 0.3141,  
0.3045

 5.8654, 0.3144,  
0.2477

343.7662, 0.3140,

 2.7634, 0.3136,

0.3058

0.2286

406.1027, 0.3140,  
0.3071

■ 1.0095, 0.3110,  
0.1982

■ 0.0000, 0.3126,  
0.0000

■ 74.3131, 0.3145,  
0.2913

■ 74.3131, 0.3145,  
0.2913

■ 62.7683, 0.3157,  
0.2661

■ 87.7999, 0.3133,  
0.3163

■ 53.0670, 0.3169,  
0.2416

■ 98.7540, 0.3125,  
0.3338

■ 45.1167, 0.3180,  
0.2186

■ 98.7548, 0.3125,  
0.3338

■ 38.8131, 0.3189,  
0.1981

■ 98.7557, 0.3125,  
0.3337

34.0409, 0.3197,  
0.1811

98.7566, 0.3125,  
0.3337

30.6696, 0.3204,  
0.1682

98.7575, 0.3125,  
0.3337

28.5476, 0.3208,  
0.1597

98.7583, 0.3124,  
0.3337

27.4874, 0.3210,  
0.1553

98.7592, 0.3124,  
0.3337

27.2248, 0.3211,  
0.1542

98.7601, 0.3124,  
0.3337

# Harmonies

## Analogous

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



74.3131, 0.2868, 0.2822



74.3131, 0.3145, 0.2913



74.3131, 0.3429, 0.3093

# Triad

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



74.3131, 0.3145, 0.2913



74.3131, 0.3598, 0.3737



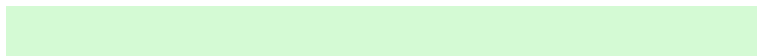
74.3131, 0.2644, 0.3221

# Complementary

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



74.3131, 0.3145, 0.2913



87.1403, 0.3108, 0.3698

# 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.



74.3131, 0.2824, 0.3494



74.3131, 0.3145, 0.2913



74.3131, 0.3373, 0.3800

# Square

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



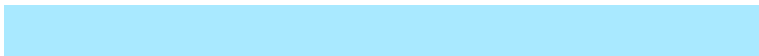
74.3131, 0.3145, 0.2913



74.3131, 0.3696, 0.3558



74.3131, 0.3089, 0.3713



74.3131, 0.2589, 0.2985



# Rectangle

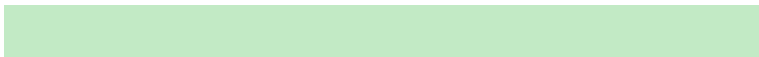
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3131, 0.3145, 0.2913



74.3131, 0.3579, 0.3244



74.3131, 0.3089, 0.3713



74.3131, 0.2691, 0.3312

# Sweetspot

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



74.3163, 0.3145, 0.2913



92.1327, 0.3133, 0.3168



67.9843, 0.2880, 0.2881



19.4927, 0.3134, 0.3151



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.



74.3163, 0.3145, 0.2913



74.1284, 0.3148, 0.2842



73.1839, 0.3276, 0.3098



17.5244, 0.3138, 0.3057



14.4370, 0.3211, 0.1542



1.3372, 0.3210, 0.1542



# Inverse Universe

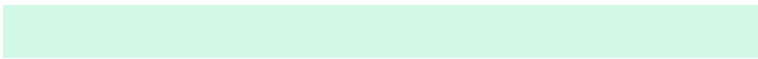
The Inverse Universe completely reimagines the original color for something new.



74.3163, 0.3145, 0.2913



74.1284, 0.3148, 0.2842



88.1563, 0.3000, 0.3491



17.5244, 0.3138, 0.3057



14.4370, 0.3211, 0.1542



1.3372, 0.3210, 0.1542



# Previews

## White Background



This preview shows how the Yxy color 74.3131, 0.3145, 0.2913 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

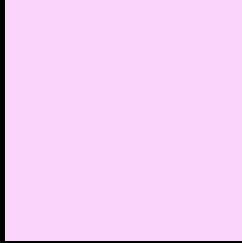
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.3131, 0.3145, 0.2913 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

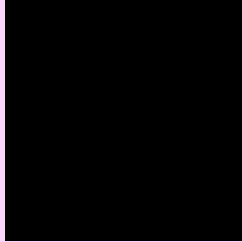
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.3131, 0.3145, 0.2913**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.3131, 0.3145, 0.2913.



This preview shows how white text looks on a background with the Yxy color 74.3131, 0.3145, 0.2913.

# 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

74.3131, 0.3145, 0.2913

### Protanopia

74.3680, 0.2894, 0.2945

### Deuteranopia

74.4748, 0.3037, 0.2972



## Tritanopia

74.2012, 0.3244, 0.3117

# Trichromacy



## Original Color

74.3131, 0.3145, 0.2913

## Protanomaly

74.0577, 0.2985, 0.2930

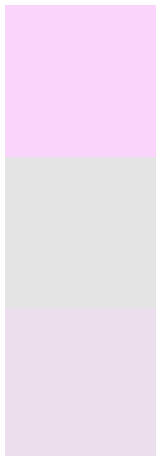
## Deuteranomaly

74.4766, 0.3079, 0.2956

## Tritanomaly

74.2816, 0.3204, 0.3038

# Monochromacy



## Original Color

74.3131, 0.3145, 0.2913

## Achromatopsia

77.5822, 0.3127, 0.3290

## Achromatomaly

76.1315, 0.3134, 0.3145

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.3131, 0.3145, 0.2913 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(250, 212, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 250)  
}
```

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(250, 212, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 250) }
```

## Border

The CSS property to change the border of an element to Yxy 74.3131, 0.3145, 0.2913 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(250, 212, 250) }
```

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

```
.border{ border-color:rgb(250, 212, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
250) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.3131, 0.3145, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 250) }
```

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

```
.background{ background-color: rgb(250,  
212, 250) }
```

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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