

# Converting Colors

$Yxy(74.7186, 0.3142, 0.3048)$

Have a look what the booklet for  
Yxy(74.7186, 0.3142, 0.3048)  
contains.

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# Color

**Yxy(74.6774, 0.3139, 0.3045)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1D9F1
RGB	241, 217, 241
RGB Percent	95%, 85%, 95%
CMY	0.0547, 0.1491, 0.0548
CMYK	0.00, 0.10, 0.00, 0.05
HSL	300°, 46%, 90%
HSV	300°, 10%, 95%
XYZ	76.9827, 74.6774, 93.5859
YIQ	226.9120, 6.6000, 12.5520

# Conversions

## Conversions Part 2

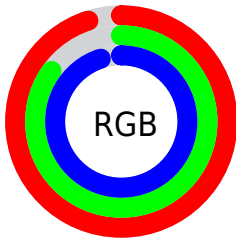
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 217, 241
Decimal	15849969
CIE Lab	89.24, 12.45, -8.71
CIE LCh	89, 15.189, 325.027
Yxy	74.6774, 0.3139, 0.3045
Android (android.graphics.Color)	4294040049 (0xFFFF1D9F1)
YUV	226.9120, 6.9454, 12.3552
Hunter-Lab	86.4161, 7.7864, -3.7179

# Details

The Yxy color  $74.6774, 0.3139, 0.3045$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $82.7083, 0.3115, 0.3548$ , and the grayscale version is  $76.7008, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $39.6577, 0.3141, 0.2989$  is the 20% darker color. If you saturate the color by 10%, you get  $63.1462, 0.3151, 0.2794$ , and if you desaturate by 10%, it is  $88.0301, 0.3127, 0.3290$ .

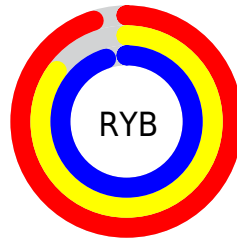
# Distribution



Red (95%)

Green (85%)

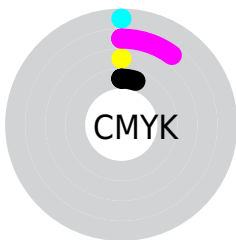
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

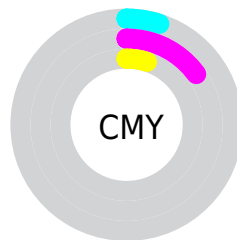


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6774, 0.3139, 0.3045 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 74.6774, 0.3139, 0.3045 by changing the saturation by 10% instead.




 74.6774, 0.3139,  
0.3045

 74.6774, 0.3139,  
0.3045


476.8080, 0.3135,  
0.3156

 55.3486, 0.3140,  
0.3020


125.8556, 0.3138,  
0.3083

 39.6809, 0.3141,  
0.2990


158.4738, 0.3137,  
0.3098

 27.2899, 0.3142,  
0.2952


196.2907, 0.3137,  
0.3111

 17.7910, 0.3143,  
0.2904

239.6906, 0.3136,  
0.3122

 10.8001, 0.3143,  
0.2838

289.0578, 0.3136,  
0.3132

 5.9326, 0.3144,  
0.2747


344.7769, 0.3135,


 2.8041, 0.3142,

0.3141

0.2610


407.2322, 0.3135,  
0.3149


 1.0303, 0.3134,  
0.2383


 0.0000, 0.3022,  
0.0000


 74.6774, 0.3139,  
0.3045


 74.6774, 0.3139,  
0.3045


 63.1462, 0.3151,  
0.2794


 88.0301, 0.3127,  
0.3290


 53.3484, 0.3163,  
0.2545

 96.5893, 0.3120,  
0.3427


 45.2032, 0.3175,  
0.2306

 96.5922, 0.3120,  
0.3426


 38.6195, 0.3186,  
0.2088


 96.5952, 0.3120,  
0.3426


 33.4975, 0.3195,  
0.1899

 96.5981, 0.3120,  
0.3425

 29.7257, 0.3203,  
0.1748


 96.6010, 0.3119,  
0.3425


 27.1768, 0.3209,  
0.1639

 96.6039, 0.3119,  
0.3424

 25.6991, 0.3212,  
0.1574

 96.6068, 0.3119,  
0.3424

 25.0380, 0.3214,  
0.1544

 96.6097, 0.3118,  
0.3424

# Harmonies

## Analogous

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



74.6774, 0.2962, 0.2987



74.6774, 0.3139, 0.3045



74.6774, 0.3317, 0.3163

# Triad

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



74.6774, 0.3139, 0.3045



74.6774, 0.3428, 0.3575



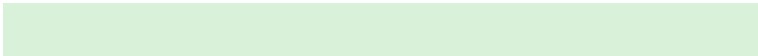
74.6774, 0.2818, 0.3252

# Complementary

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



74.6774, 0.3139, 0.3045



82.7083, 0.3115, 0.3548

# 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.



74.6774, 0.2936, 0.3420



74.6774, 0.3139, 0.3045



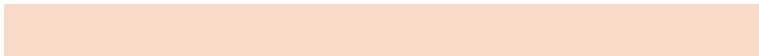
74.6774, 0.3288, 0.3610

# Square

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



74.6774, 0.3139, 0.3045



74.6774, 0.3487, 0.3465



74.6774, 0.3107, 0.3554



74.6774, 0.2780, 0.3100



# Rectangle

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



74.6774, 0.3139, 0.3045



74.6774, 0.3412, 0.3262



74.6774, 0.3107, 0.3554



74.6774, 0.2849, 0.3309

# Sweetspot

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



74.6806, 0.3139, 0.3045



95.2148, 0.3131, 0.3217



70.7209, 0.2971, 0.3031



20.1131, 0.3132, 0.3198



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.



74.6806, 0.3139, 0.3045



82.0026, 0.3141, 0.2994



73.9873, 0.3220, 0.3166



16.0309, 0.3138, 0.3058



13.5695, 0.3214, 0.1544



1.1290, 0.3214, 0.1544



# Inverse Universe

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



74.6806, 0.3139, 0.3045



82.0026, 0.3141, 0.2994



83.3553, 0.3043, 0.3417



16.0309, 0.3138, 0.3058



13.5695, 0.3214, 0.1544

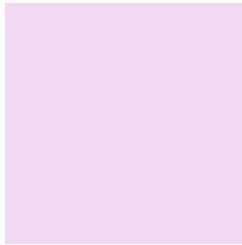


1.1290, 0.3214, 0.1544



# Previews

## White Background



This preview shows how the Yxy color 74.6774, 0.3139, 0.3045 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

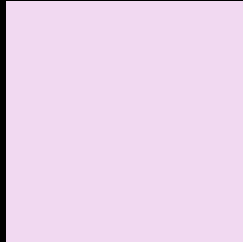
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.6774, 0.3139, 0.3045 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

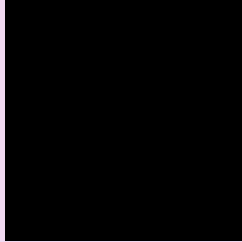
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

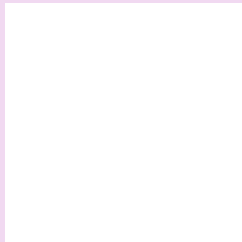
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.6774, 0.3139, 0.3045**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.6774, 0.3139, 0.3045.



This preview shows how white text looks on a background with the Yxy color 74.6774, 0.3139, 0.3045.

# 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

74.6774, 0.3139, 0.3045

### Protanopia

74.8975, 0.2981, 0.3058

### Deuteranopia

74.8444, 0.3124, 0.3055



## Tritanopia

74.6662, 0.3171, 0.3115

# Trichromacy



## Original Color

74.6774, 0.3139, 0.3045

## Protanomaly

74.9026, 0.3034, 0.3051

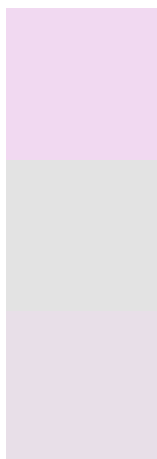
## Deuteranomaly

75.0189, 0.3131, 0.3055

## Tritanomaly

74.7825, 0.3158, 0.3095

# Monochromacy



## Original Color

74.6774, 0.3139, 0.3045

## Achromatopsia

76.8151, 0.3127, 0.3290

## Achromatomaly

75.7574, 0.3132, 0.3196

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.6774, 0.3139, 0.3045 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, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 217, 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, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 217, 241) }
```

## Border

The CSS property to change the border of an element to Yxy 74.6774, 0.3139, 0.3045 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, 217, 241) }
```

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

```
.border{ border-color:rgb(241, 217, 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, 217, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 217,  
241) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.6774, 0.3139, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 217, 241) }
```

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

```
.background{ background-color: rgb(241,  
217, 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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