

# Converting Colors

Yxy(74.8024, 0.3173, 0.3101)

Have a look what the booklet for  
Yxy(74.8024, 0.3173, 0.3101)  
contains.

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# Color

**Yxy(74.8997, 0.3172, 0.3106)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1DAEC
RGB	241, 218, 236
RGB Percent	95%, 85%, 93%
CMY	0.0548, 0.1451, 0.0746
CMYK	0.00, 0.10, 0.02, 0.05
HSL	313°, 45%, 90%
HSV	313°, 10%, 95%
XYZ	76.4913, 74.8997, 89.7542
YIQ	226.9290, 7.9300, 10.4740

# Conversions

## Conversions Part 2

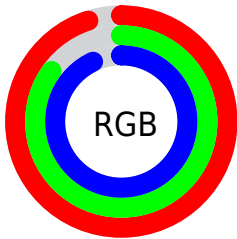
Format	Color
R <sub>Y</sub> B	241, 218, 236
Decimal	15850220
CIE Lab	89.35, 11.00, -5.90
CIE LCh	89, 12.482, 331.818
Yxy	74.8997, 0.3172, 0.3106
Android (android.graphics.Color)	4294040300 (0xFFFF1DAEC)
YUV	226.9290, 4.4720, 12.3403
Hunter-Lab	86.5446, 6.3117, -0.9076

# Details

The Yxy color **74.8997, 0.3172, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.1673, 0.3085, 0.3481**, and the grayscale version is **76.7276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8040, 0.3184, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **62.9941, 0.3226, 0.2906**, and if you desaturate by 10%, it is **88.6388, 0.3125, 0.3298**.

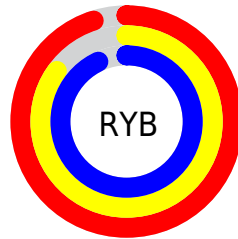
# Distribution



Red (95%)

Green (85%)

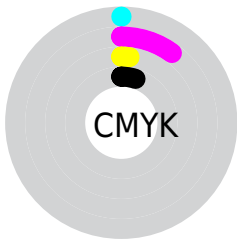
Blue (93%)



Red (95%)

Yellow (85%)

Blue (93%)

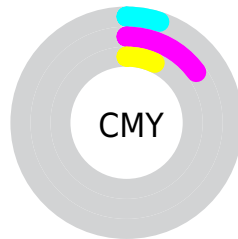


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (5%)



Cyan (5%)

Magenta (15%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8997, 0.3172, 0.3106 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 74.8997, 0.3172, 0.3106 by changing the saturation by 10% instead.




 74.8997, 0.3172,  
0.3106

 74.8997, 0.3172,  
0.3106


477.5728, 0.3152,  
0.3190

 55.5307, 0.3176,  
0.3087

126.1704, 0.3165,  
0.3135

 39.8268, 0.3182,  
0.3064

158.8409, 0.3162,  
0.3146

 27.4035, 0.3189,  
0.3036

196.7140, 0.3160,  
0.3156

 17.8765, 0.3197,  
0.2998

240.1741, 0.3158,  
0.3164

 10.8614, 0.3208,  
0.2949

289.6057, 0.3156,  
0.3172

 5.9737, 0.3224,  
0.2878

345.3930, 0.3155,

 2.8291, 0.3247,

0.3178

0.2772

407.9206, 0.3153,  
0.3184

■ 1.0432, 0.3285,  
0.2591

■ 0.0000, 0.3748,  
0.0000

■ 74.8997, 0.3172,  
0.3106

■ 74.8997, 0.3172,  
0.3106

■ 62.9941, 0.3226,  
0.2906

■ 88.6388, 0.3125,  
0.3298

■ 52.8339, 0.3289,  
0.2704

■ 96.9158, 0.3089,  
0.3373

■ 44.3386, 0.3359,  
0.2506

■ 97.2473, 0.3059,  
0.3320

■ 37.4174, 0.3437,  
0.2320

■ 97.4467, 0.3042,  
0.3290

■ 31.9708, 0.3521,  
0.2158

■ 27.8879, 0.3609,  
0.2029

■ 25.0422, 0.3697,  
0.1942

■ 23.2832, 0.3784,  
0.1902

■ 22.3704, 0.3867,  
0.1906

# Harmonies

## Analogous

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



74.8997, 0.3023, 0.3046



74.8997, 0.3172, 0.3106



74.8997, 0.3312, 0.3213

# Triad

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



74.8997, 0.3172, 0.3106



74.8997, 0.3353, 0.3537



74.8997, 0.2859, 0.3229

# Complementary

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



74.8997, 0.3172, 0.3106



83.1673, 0.3085, 0.3481

# 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.



74.8997, 0.2943, 0.3367



74.8997, 0.3172, 0.3106



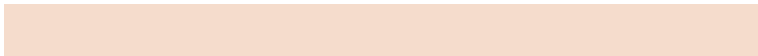
74.8997, 0.3227, 0.3548

# Square

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



74.8997, 0.3172, 0.3106



74.8997, 0.3418, 0.3459



74.8997, 0.3078, 0.3485



74.8997, 0.2845, 0.3112



# Rectangle

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



74.8997, 0.3172, 0.3106



74.8997, 0.3380, 0.3297



74.8997, 0.3078, 0.3485



74.8997, 0.2880, 0.3274

# Sweetspot

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



74.9030, 0.3172, 0.3106



95.1078, 0.3141, 0.3233



72.1814, 0.3012, 0.3046



20.0841, 0.3144, 0.3218



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.



74.9030, 0.3172, 0.3106



82.9996, 0.3180, 0.3077



74.2593, 0.3250, 0.3223



15.9684, 0.3172, 0.3108



12.1301, 0.3858, 0.1899



1.0236, 0.3755, 0.1842



# Inverse Universe

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



74.9030, 0.3172, 0.3106



82.9996, 0.3180, 0.3077



83.8056, 0.3018, 0.3358



15.9684, 0.3172, 0.3108



12.1301, 0.3858, 0.1899

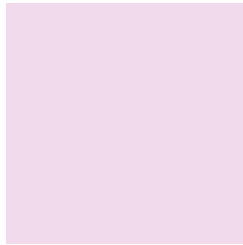


1.0236, 0.3755, 0.1842



# Previews

## White Background



This preview shows how the Yxy color 74.8997, 0.3172, 0.3106 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

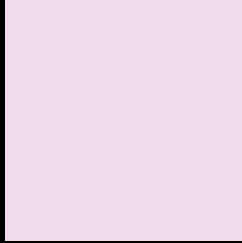
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.8997, 0.3172, 0.3106 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 74.8997, 0.3172, 0.3106**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.8997, 0.3172, 0.3106.



This preview shows how white text looks on a background with the Yxy color 74.8997, 0.3172, 0.3106.

# 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

74.8997, 0.3172, 0.3106

### Protanopia

74.8546, 0.3032, 0.3121

### Deuteranopia

74.8997, 0.3172, 0.3106



## Tritanopia

74.8417, 0.3178, 0.3116

# Trichromacy



## Original Color

74.8997, 0.3172, 0.3106

## Protanomaly

74.7089, 0.3080, 0.3112

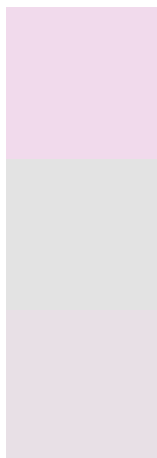
## Deuteranomaly

74.8997, 0.3172, 0.3106

## Tritanomaly

74.8417, 0.3178, 0.3116

# Monochromacy



## Original Color

74.8997, 0.3172, 0.3106

## Achromatopsia

76.8151, 0.3127, 0.3290

## Achromatomaly

76.1803, 0.3144, 0.3227

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.8997, 0.3172, 0.3106 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, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 236)  
}
```

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, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 236) }
```

## Border

The CSS property to change the border of an element to Yxy 74.8997, 0.3172, 0.3106 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, 218, 236) }
```

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

```
.border{ border-color:rgb(241, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 218, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 218, 236); box-shadow:4px 4px 4px 4px rgb(241, 218, 236) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.8997, 0.3172, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 236) }
```

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

```
.background{ background-color: rgb(241,  
218, 236) }
```

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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