

Converting Colors

$Yxy(74.2884, 0.3068, 0.3164)$

Have a look what the booklet for
Yxy(74.2884, 0.3068, 0.3164)
contains.

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Color

Yxy(74.1906, 0.3070, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	E1DEEA
RGB	225, 222, 234
RGB Percent	88%, 87%, 92%
CMY	0.1179, 0.1293, 0.0824
CMYK	0.04, 0.05, 0.00, 0.08
HSL	255°, 22%, 89%
HSV	255°, 5%, 92%
XYZ	72.0092, 74.1906, 88.3579
YIQ	224.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

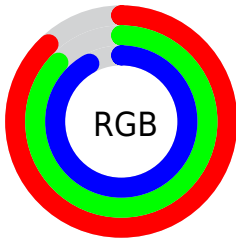
Format	Color
R _Y B	225, 222, 234
Decimal	14802666
CIE Lab	89.01, 3.17, -5.49
CIE LCh	89, 6.343, 300.013
Yxy	74.1906, 0.3070, 0.3163
Android (android.graphics.Color)	4292992746 (0xFFE1DEEA)
YUV	224.2650, 4.7994, 0.6446
Hunter-Lab	86.1340, -1.5059, -0.5271

Details

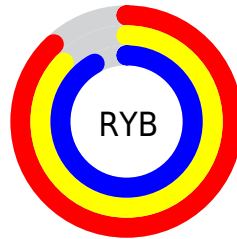
The Yxy color **74.1906, 0.3070, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.1154, 0.3183, 0.3415**, and the grayscale version is **74.7030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3978, 0.3062, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **59.9167, 0.2945, 0.2893**, and if you desaturate by 10%, it is **90.4903, 0.3178, 0.3404**.

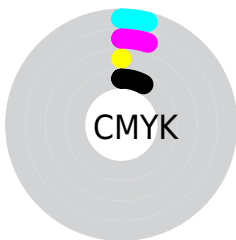
Distribution



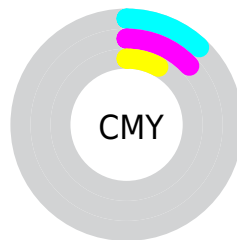
- Red (88%)
- Green (87%)
- Blue (92%)



- Red (88%)
- Yellow (87%)
- Blue (92%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1906, 0.3070, 0.3163 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 74.1906, 0.3070, 0.3163 by changing the saturation by 10% instead.

■ 74.1906, 0.3070,
0.3163

■ 74.1906, 0.3070,
0.3163

475.1309, 0.3097,
0.3221

■ 54.9501, 0.3064,
0.3150

125.1660, 0.3079,
0.3183

■ 39.3617, 0.3056,
0.3134

157.6696, 0.3083,
0.3191

■ 27.0412, 0.3047,
0.3113

195.3630, 0.3086,
0.3198

■ 17.6042, 0.3034,
0.3086

238.6306, 0.3089,
0.3204

■ 10.6662, 0.3017,
0.3050

287.8568, 0.3091,
0.3209

■ 5.8429, 0.2992,
0.2999

343.4260, 0.3093,

■ 2.7498, 0.2953,

0.3213

0.2919

405.7226, 0.3095,
0.3218

■ 1.0025, 0.2883,
0.2780

■ 0.0000, 0.0000,
0.0000

■ 74.1906, 0.3070,
0.3163

■ 74.1906, 0.3070,
0.3163

■ 59.9167, 0.2945,
0.2893

■ 90.4903, 0.3178,
0.3404

■ 47.5794, 0.2802,
0.2597

■ 98.7199, 0.3250,
0.3493

■ 37.0972, 0.2643,
0.2278

■ 28.3789, 0.2469,
0.1947

■ 21.3254, 0.2286,
0.1618

■ 15.8276, 0.2104,
0.1310

■ 11.7633, 0.1934,
0.1046

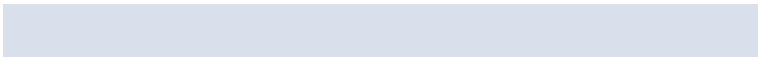
■ 8.9911, 0.1787,
0.0843

■ 7.3389, 0.1672,
0.0713

Harmonies

Analogous

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



74.1906, 0.3010, 0.3167



74.1906, 0.3070, 0.3163



74.1906, 0.3146, 0.3192

Triad

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



74.1906, 0.3070, 0.3163



74.1906, 0.3275, 0.3375



74.1906, 0.3037, 0.3333

Complementary

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



74.1906, 0.3070, 0.3163



81.1154, 0.3183, 0.3415

Split Complementary

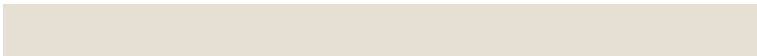
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1906, 0.3107, 0.3391



74.1906, 0.3070, 0.3163



74.1906, 0.3245, 0.3414

Square

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



74.1906, 0.3070, 0.3163



74.1906, 0.3265, 0.3313



74.1906, 0.3183, 0.3421



74.1906, 0.2991, 0.3264

Rectangle

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



74.1906, 0.3070, 0.3163



74.1906, 0.3196, 0.3227



74.1906, 0.3183, 0.3421



74.1906, 0.3058, 0.3355

Sweetspot

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



74.1938, 0.3070, 0.3163



96.0652, 0.3105, 0.3241



78.7358, 0.3048, 0.3260



20.6031, 0.3106, 0.3243



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.



74.1938, 0.3070, 0.3163



88.4957, 0.3059, 0.3140



75.1506, 0.3111, 0.3165



15.6332, 0.3052, 0.3124



3.8778, 0.1640, 0.0677



0.3482, 0.1776, 0.0752

Inverse Universe

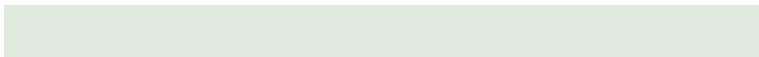
The Inverse Universe completely reimagines the original color for something new.



75.5194, 0.3152, 0.3196



90.3855, 0.3157, 0.3179



80.1570, 0.3143, 0.3417



16.0036, 0.3160, 0.3167



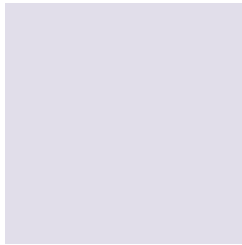
11.6321, 0.3940, 0.1944



0.9284, 0.3817, 0.1877

Previews

White Background



This preview shows how the Yxy color 74.1906, 0.3070, 0.3163 looks on a white background.

Color Contrast Check

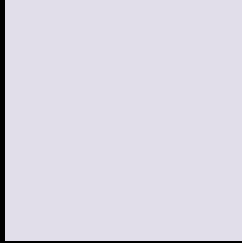
Large Text (above 18pt) WCAG AA × Fail

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 74.1906, 0.3070, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

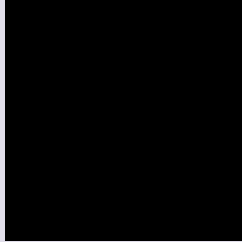
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

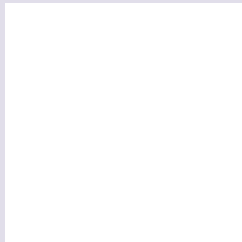
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1906, 0.3070, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 74.1906, 0.3070, 0.3163.

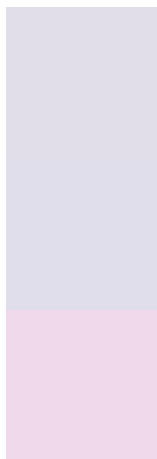


This preview shows how white text looks on a background with the Yxy color 74.1906, 0.3070, 0.3163.

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

74.1906, 0.3070, 0.3163

Protanopia

74.0304, 0.3063, 0.3162

Deuteranopia

74.1491, 0.3172, 0.3105



Tritanopia

74.1136, 0.3045, 0.3100

Trichromacy



Original Color

74.1906, 0.3070, 0.3163

Protanomaly

74.0304, 0.3063, 0.3162

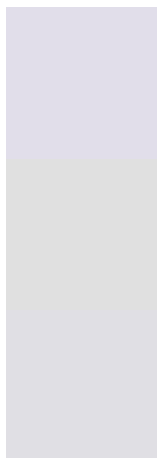
Deuteranomaly

74.3234, 0.3135, 0.3124

Tritanomaly

73.9961, 0.3058, 0.3121

Monochromacy



Original Color

74.1906, 0.3070, 0.3163

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2241, 0.3102, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1906, 0.3070, 0.3163 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(225, 222, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 222, 234)  
}
```

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(225, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 222, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.1906, 0.3070, 0.3163 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(225, 222, 234) }
```

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

```
.border{ border-color:rgb(225, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 222,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1906, 0.3070, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 222, 234) }
```

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

```
.background{ background-color: rgb(225,  
222, 234) }
```

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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