

Converting Colors

Yxy(71.3682, 0.3184, 0.2990)

Have a look what the booklet for
Yxy(71.3682, 0.3184, 0.2990)
contains.

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Color

Yxy(71.2454, 0.3186, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	F5D1EF
RGB	245, 209, 239
RGB Percent	96%, 82%, 94%
CMY	0.0391, 0.1804, 0.0628
CMYK	0.00, 0.15, 0.02, 0.04
HSL	310°, 64%, 89%
HSV	310°, 15%, 96%
XYZ	76.0428, 71.2454, 91.3898
YIQ	223.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

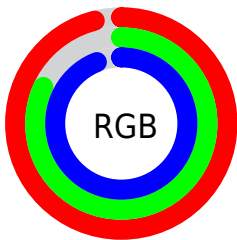
Format	Color
R _Y B	245, 209, 239
Decimal	16110063
CIE Lab	87.60, 17.60, -10.03
CIE LCh	88, 20.258, 330.321
Yxy	71.2454, 0.3186, 0.2985
Android (android.graphics.Color)	4294300143 (0xFFF5D1EF)
YUV	223.1840, 7.7973, 19.1326
Hunter-Lab	84.4070, 13.0996, -5.1101

Details

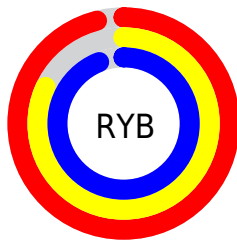
The Yxy color **71.2454, 0.3186, 0.2985** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.7892, 0.3073, 0.3615**, and the grayscale version is **73.8702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3489, 0.3203, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **59.8950, 0.3233, 0.2771**, and if you desaturate by 10%, it is **84.4566, 0.3145, 0.3194**.

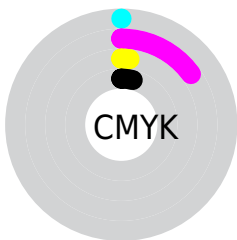
Distribution



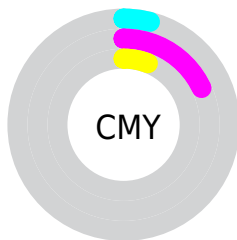
- Red (96%)
- Green (82%)
- Blue (94%)



- Red (96%)
- Yellow (82%)
- Blue (94%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2454, 0.3186, 0.2985 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 71.2454, 0.3186, 0.2985 by changing the saturation by 10% instead.

 71.2454, 0.3186,
0.2985

 71.2454, 0.3186,
0.2985

464.9108, 0.3160,
0.3123

 52.5425, 0.3192,
0.2954


120.9831, 0.3177,
0.3032

 37.4377, 0.3198,
0.2916

152.7866, 0.3174,
0.3051

 25.5465, 0.3206,
0.2869


189.7259, 0.3171,
0.3067

 16.4847, 0.3217,
0.2808

232.1851, 0.3168,
0.3081

 9.8678, 0.3230,
0.2726

280.5489, 0.3166,
0.3093

 5.3114, 0.3247,
0.2612

335.2015, 0.3164,

 2.4311, 0.3271,

0.3105

0.2440

396.5273, 0.3162,
0.3114

0.8418, 0.3305,
0.2153

0.0000, 0.3009,
0.0000

71.2454, 0.3186,
0.2985

71.2454, 0.3186,
0.2985

59.8950, 0.3233,
0.2771

84.4566, 0.3145,
0.3194

50.3119, 0.3286,
0.2558

97.6672, 0.3110,
0.3366

42.4084, 0.3344,
0.2355

97.9244, 0.3087,
0.3325

36.0855, 0.3407,
0.2172

98.1587, 0.3066,
0.3290

■ 31.2341, 0.3472,
0.2018

■ 27.7310, 0.3538,
0.1903

■ 25.4331, 0.3602,
0.1832

■ 24.1647, 0.3664,
0.1808

■ 23.7725, 0.3695,
0.1809

Harmonies

Analogous

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



71.2454, 0.2942, 0.2892



71.2454, 0.3186, 0.2985



71.2454, 0.3422, 0.3152

Triad

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



71.2454, 0.3186, 0.2985



71.2454, 0.3506, 0.3692



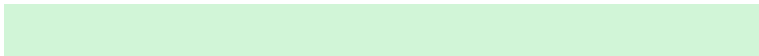
71.2454, 0.2694, 0.3195

Complementary

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



71.2454, 0.3186, 0.2985



83.7892, 0.3073, 0.3615

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.



71.2454, 0.2834, 0.3427



71.2454, 0.3186, 0.2985



71.2454, 0.3301, 0.3723

Square

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



71.2454, 0.3186, 0.2985



71.2454, 0.3611, 0.3554



71.2454, 0.3055, 0.3626



71.2454, 0.2665, 0.3002

Rectangle

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



71.2454, 0.3186, 0.2985



71.2454, 0.3540, 0.3287



71.2454, 0.3055, 0.3626



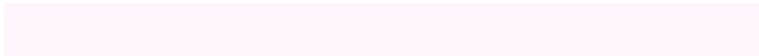
71.2454, 0.2729, 0.3271

Sweetspot

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



71.2485, 0.3186, 0.2985



93.5540, 0.3142, 0.3209



66.6410, 0.2931, 0.2901



19.7731, 0.3145, 0.3193



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.



71.2485, 0.3186, 0.2985



73.6434, 0.3201, 0.2914



70.2385, 0.3314, 0.3166



16.7177, 0.3164, 0.3095



12.8206, 0.3686, 0.1804



1.1392, 0.3616, 0.1765

Inverse Universe

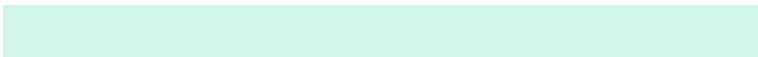
The Inverse Universe completely reimagines the original color for something new.



71.2485, 0.3186, 0.2985



73.6434, 0.3201, 0.2914



84.7648, 0.2970, 0.3418



16.7177, 0.3164, 0.3095



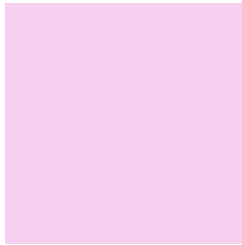
12.8206, 0.3686, 0.1804



1.1392, 0.3616, 0.1765

Previews

White Background



This preview shows how the Yxy color 71.2454, 0.3186, 0.2985 looks on a white background.

Color Contrast Check

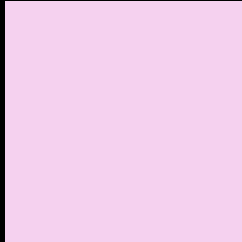
Large Text (above 18pt) WCAG AA × Fail

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 71.2454, 0.3186, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

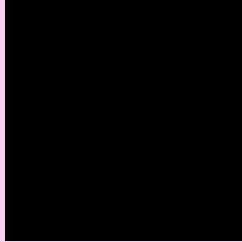
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2454, 0.3186, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 71.2454, 0.3186, 0.2985.



This preview shows how white text looks on a background with the Yxy color 71.2454, 0.3186, 0.2985.

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

71.2454, 0.3186, 0.2985

Protanopia

71.3343, 0.2940, 0.3001

Deuteranopia

71.5898, 0.3103, 0.3040



Tritanopia

71.1893, 0.3254, 0.3125

Trichromacy



Original Color

71.2454, 0.3186, 0.2985

Protanomaly

71.4028, 0.3028, 0.2996

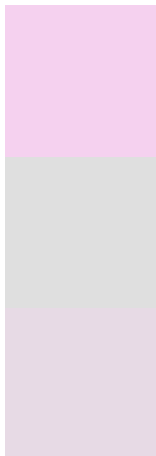
Deuteranomaly

71.2645, 0.3133, 0.3021

Tritanomaly

71.0958, 0.3234, 0.3074

Monochromacy



Original Color

71.2454, 0.3186, 0.2985

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7889, 0.3147, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2454, 0.3186, 0.2985 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(245, 209, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 239)  
}
```

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(245, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 239) }
```

Border

The CSS property to change the border of an element to Yxy 71.2454, 0.3186, 0.2985 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(245, 209, 239) }
```

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

```
.border{ border-color:rgb(245, 209, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 209, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2454, 0.3186, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 239) }
```

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

```
.background{ background-color: rgb(245,  
209, 239) }
```

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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