

Converting Colors

$Y_{xy}(74.4440, 0.3084, 0.2873)$

Have a look what the booklet for
Yxy(74.4440, 0.3084, 0.2873)
contains.

Yxy(74.4013, 0.3083, 0.2873)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4013, 0.3083, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5FF
RGB	246, 213, 255
RGB Percent	96%, 84%, 100%
CMY	0.0354, 0.1646, 0.0002
CMYK	0.04, 0.16, 0.00, 0.00
HSL	287°, 100%, 92%
HSV	287°, 16%, 100%
XYZ	79.8396, 74.4013, 104.7264
YIQ	227.6550, 6.1860, 20.0580

Conversions

Conversions Part 2

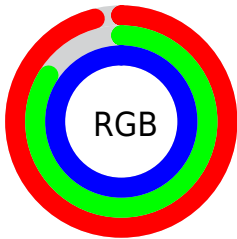
Format	Color
R _Y B	246, 213, 255
Decimal	16176639
CIE _{Lab}	89.11, 18.70, -16.19
CIE _{LCh}	89, 24.739, 319.109
Y _{xy}	74.4013, 0.3083, 0.2873
Android (android.graphics.Color)	4294366719 (0xFFFF6D5FF)
YUV	227.6550, 13.4811, 16.0886
Hunter-Lab	86.2562, 14.2731, -11.6065

Details

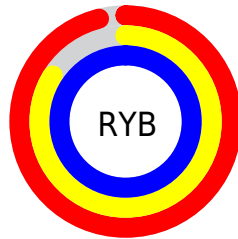
The Yxy color **74.4013, 0.3083, 0.2873** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.8292, 0.3162, 0.3728**, and the grayscale version is **77.2140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3498, 0.3068, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **61.5969, 0.3049, 0.2607**, and if you desaturate by 10%, it is **89.2574, 0.3112, 0.3131**.

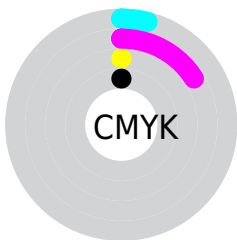
Distribution



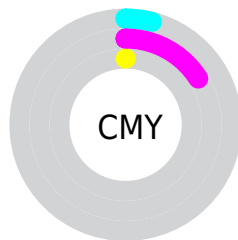
- Red (96%)
- Green (84%)
- Blue (100%)



- Red (96%)
- Yellow (84%)
- Blue (100%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4013, 0.3083, 0.2873 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 74.4013, 0.3083, 0.2873 by changing the saturation by 10% instead.


 74.4013, 0.3083,
0.2873

 74.4013, 0.3083,
0.2873

475.8572, 0.3106,
0.3059

 55.1226, 0.3077,
0.2832

125.4645, 0.3091,
0.2936

 39.4999, 0.3070,
0.2782


158.0178, 0.3094,
0.2961

 27.1488, 0.3061,
0.2721


195.7646, 0.3097,
0.2983

 17.6850, 0.3048,
0.2642

239.0895, 0.3099,
0.3002

 10.7241, 0.3029,
0.2539

288.3769, 0.3101,
0.3019

 5.8816, 0.3001,
0.2397

344.0110, 0.3103,

 2.7732, 0.2953,

0.3034

0.2190

406.3763, 0.3104,
0.3047

■ 1.0145, 0.2862,
0.1866

■ 0.0000, 0.2613,
0.0000

■ 74.4013, 0.3083,
0.2873

■ 74.4013, 0.3083,
0.2873

■ 61.5969, 0.3049,
0.2607

■ 89.2574, 0.3112,
0.3131

■ 50.7403, 0.3008,
0.2339

99.9975, 0.3127,
0.3290

■ 41.7332, 0.2962,
0.2080

■ 34.4645, 0.2910,
0.1840

■ 28.8112, 0.2855,
0.1630

■ 24.6340, 0.2797,
0.1461

■ 21.7696, 0.2739,
0.1337

■ 20.0140, 0.2682,
0.1260

■ 19.5485, 0.2662,
0.1240

Harmonies

Analogous

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



74.4013, 0.2808, 0.2802



74.4013, 0.3083, 0.2873



74.4013, 0.3382, 0.3042

Triad

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



74.4013, 0.3083, 0.2873



74.4013, 0.3648, 0.3721



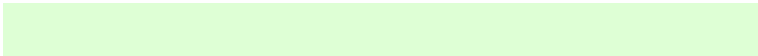
74.4013, 0.2656, 0.3276

Complementary

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



74.4013, 0.3083, 0.2873



91.8292, 0.3162, 0.3728

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.



74.4013, 0.2865, 0.3556



74.4013, 0.3083, 0.2873



74.4013, 0.3437, 0.3817

Square

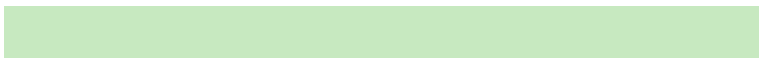
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



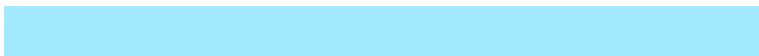
74.4013, 0.3083, 0.2873



74.4013, 0.3717, 0.3519



74.4013, 0.3149, 0.3760



74.4013, 0.2571, 0.3017

Rectangle

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



74.4013, 0.3083, 0.2873



74.4013, 0.3552, 0.3192



74.4013, 0.3149, 0.3760



74.4013, 0.2714, 0.3372

Sweetspot

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



74.4045, 0.3083, 0.2873



91.6191, 0.3115, 0.3167



73.6650, 0.2862, 0.2943



19.3674, 0.3114, 0.3150



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.



74.4045, 0.3083, 0.2873



69.6533, 0.3071, 0.2779



75.3259, 0.3227, 0.2993



18.0926, 0.3103, 0.3053



10.2855, 0.2671, 0.1245



1.0480, 0.2735, 0.1281

Inverse Universe

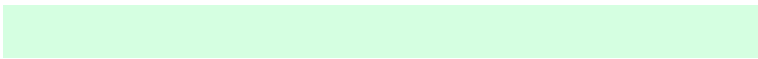
The Inverse Universe completely reimagines the original color for something new.



74.1240, 0.3377, 0.3200



69.3479, 0.3443, 0.3180



91.0747, 0.3040, 0.3606



18.0507, 0.3260, 0.3239



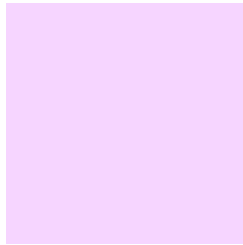
11.2685, 0.6042, 0.3102



1.1124, 0.5738, 0.2935

Previews

White Background



This preview shows how the Yxy color 74.4013, 0.3083, 0.2873 looks on a white background.

Color Contrast Check

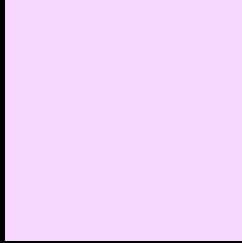
Large Text (above 18pt) WCAG AA × Fail

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 74.4013, 0.3083, 0.2873 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

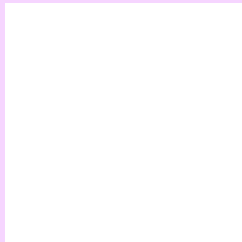
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4013, 0.3083, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 74.4013, 0.3083, 0.2873.

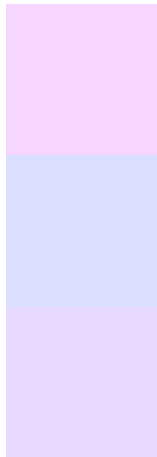


This preview shows how white text looks on a background with the Yxy color 74.4013, 0.3083, 0.2873.

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

74.4013, 0.3083, 0.2873

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.4544, 0.2992, 0.2922



Tritanopia

74.6209, 0.3200, 0.3116

Trichromacy



Original Color

74.4013, 0.3083, 0.2873

Protanomaly

74.3770, 0.2959, 0.2920

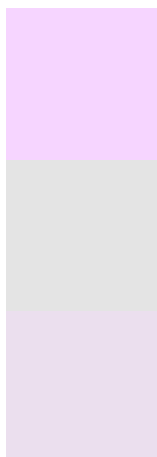
Deuteranomaly

74.2720, 0.3026, 0.2905

Tritanomaly

74.7556, 0.3154, 0.3027

Monochromacy



Original Color

74.4013, 0.3083, 0.2873

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6106, 0.3114, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4013, 0.3083, 0.2873 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(246, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 255)  
}
```

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(246, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.4013, 0.3083, 0.2873 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(246, 213, 255) }
```

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

```
.border{ border-color:rgb(246, 213, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 213, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4013, 0.3083, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 255) }
```

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

```
.background{ background-color: rgb(246,  
213, 255) }
```

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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