

Converting Colors

$Y_{xy}(74.1809, 0.3074, 0.2842)$

Have a look what the booklet for
Yxy(74.1809, 0.3074, 0.2842)
contains.

Yxy(74.0811, 0.3090, 0.2863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.0811, 0.3090, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	F7D4FF
RGB	247, 212, 255
RGB Percent	97%, 83%, 100%
CMY	0.0314, 0.1686, 0.0000
CMYK	0.03, 0.17, 0.00, 0.00
HSL	289°, 100%, 92%
HSV	289°, 17%, 100%
XYZ	79.9548, 74.0811, 104.7175
YIQ	227.3670, 7.0570, 20.7930

Conversions

Conversions Part 2

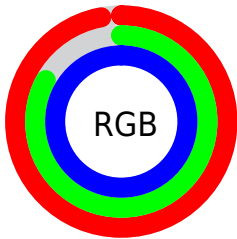
Format	Color
R_{YB}	247, 212, 255
Decimal	16241919
CIE _{Lab}	88.96, 19.58, -16.45
CIE _{LCh}	89, 25.572, 319.965
Yxy	74.0811, 0.3090, 0.2863
Android (android.graphics.Color)	4294431999 (0xFFFF7D4FF)
YUV	227.3670, 13.6231, 17.2181
Hunter-Lab	86.0704, 15.1938, -11.8859

Details

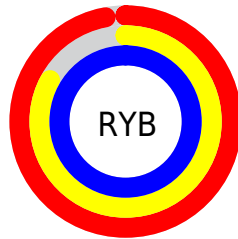
The Yxy color **74.0811, 0.3090, 0.2863** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.4894, 0.3155, 0.3741**, and the grayscale version is **76.9923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1383, 0.3077, 0.2770** is the 20% darker color. If you saturate the color by 10%, you get **61.4725, 0.3062, 0.2599**, and if you desaturate by 10%, it is **88.7273, 0.3114, 0.3121**.

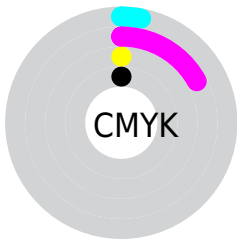
Distribution



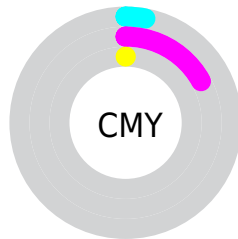
- Red (97%)
- Green (83%)
- Blue (100%)



- Red (97%)
- Yellow (83%)
- Blue (100%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0811, 0.3090, 0.2863 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 74.0811, 0.3090, 0.2863 by changing the saturation by 10% instead.

 74.0811, 0.3090,
0.2863

 74.0811, 0.3090,
0.2863


474.7532, 0.3110,
0.3053

 54.8604, 0.3085,
0.2821


125.0108, 0.3097,
0.2928

 39.2900, 0.3079,
0.2770


157.4885, 0.3100,
0.2953

 26.9854, 0.3070,
0.2707


195.1541, 0.3102,
0.2975

 17.5622, 0.3058,
0.2627

238.3919, 0.3104,
0.2995

 10.6362, 0.3041,
0.2521

287.5864, 0.3106,
0.3012

 5.8227, 0.3015,
0.2376

343.1218, 0.3107,

 2.7376, 0.2970,

0.3027

0.2166

405.3826, 0.3109,
0.3041

0.9963, 0.2883,
0.1837

0.0000, 0.2643,
0.0000

74.0811, 0.3090,
0.2863

74.0811, 0.3090,
0.2863

61.4725, 0.3062,
0.2599

88.7273, 0.3114,
0.3121

50.8035, 0.3028,
0.2334

100.0000, 0.3127,
0.3290

41.9732, 0.2989,
0.2080

34.8705, 0.2945,
0.1846

■ 29.3716, 0.2898,
0.1644

■ 25.3366, 0.2848,
0.1482

■ 22.6010, 0.2798,
0.1366

■ 20.9564, 0.2748,
0.1296

■ 20.5664, 0.2733,
0.1279

Harmonies

Analogous

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



74.0811, 0.2804, 0.2786



74.0811, 0.3090, 0.2863



74.0811, 0.3399, 0.3040

Triad

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



74.0811, 0.3090, 0.2863



74.0811, 0.3661, 0.3740



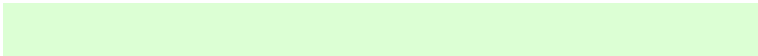
74.0811, 0.2636, 0.3267

Complementary

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



74.0811, 0.3090, 0.2863



91.4894, 0.3155, 0.3741

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.



74.0811, 0.2848, 0.3558



74.0811, 0.3090, 0.2863



74.0811, 0.3439, 0.3836

Square

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



74.0811, 0.3090, 0.2863



74.0811, 0.3738, 0.3533



74.0811, 0.3140, 0.3773



74.0811, 0.2552, 0.3001

Rectangle

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



74.0811, 0.3090, 0.2863



74.0811, 0.3574, 0.3196



74.0811, 0.3140, 0.3773



74.0811, 0.2694, 0.3366

Sweetspot

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



74.0823, 0.3090, 0.2863



91.6861, 0.3118, 0.3167



72.7201, 0.2854, 0.2925



19.3837, 0.3116, 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.



74.0823, 0.3090, 0.2863



69.9105, 0.3082, 0.2781



74.7648, 0.3235, 0.2992



18.1195, 0.3108, 0.3054



10.8078, 0.2741, 0.1284



1.0945, 0.2797, 0.1315

Inverse Universe

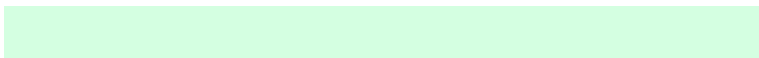
The Inverse Universe completely reimagines the original color for something new.



73.5153, 0.3393, 0.3210



69.2746, 0.3454, 0.3194



90.9482, 0.3034, 0.3607



18.0423, 0.3265, 0.3246



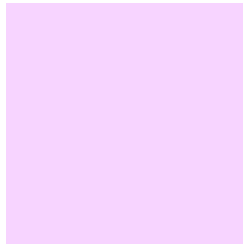
11.2336, 0.6116, 0.3143



1.1078, 0.5825, 0.2982

Previews

White Background



This preview shows how the Yxy color 74.0811, 0.3090, 0.2863 looks on a white background.

Color Contrast Check

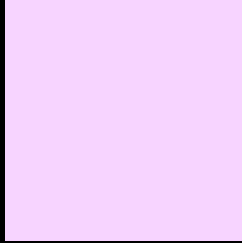
Large Text (above 18pt) WCAG AA × Fail

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 74.0811, 0.3090, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

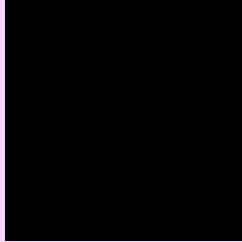
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

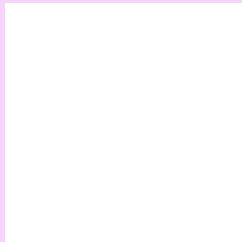
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0811, 0.3090, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 74.0811, 0.3090, 0.2863.

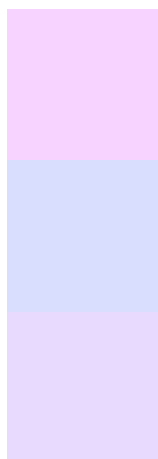


This preview shows how white text looks on a background with the Yxy color 74.0811, 0.3090, 0.2863.

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

74.0811, 0.3090, 0.2863

Protanopia

74.2143, 0.2887, 0.2944

Deuteranopia

74.2875, 0.2985, 0.2921



Tritanopia

74.2280, 0.3215, 0.3116

Trichromacy



Original Color

74.0811, 0.3090, 0.2863

Protanomaly

73.8568, 0.2959, 0.2909

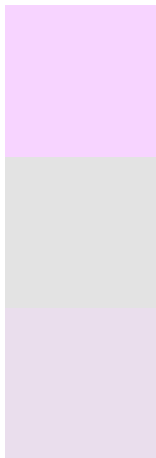
Deuteranomaly

74.2720, 0.3026, 0.2905

Tritanomaly

74.3642, 0.3168, 0.3027

Monochromacy



Original Color

74.0811, 0.3090, 0.2863

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8494, 0.3113, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0811, 0.3090, 0.2863 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(247, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.0811, 0.3090, 0.2863 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(247, 212, 255) }
```

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

```
.border{ border-color:rgb(247, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0811, 0.3090, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 255) }
```

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

```
.background{ background-color: rgb(247,  
212, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor