

Converting Colors

$Y_{xy}(74.8913, 0.3098, 0.2877)$

Have a look what the booklet for
Yxy(74.8913, 0.3098, 0.2877)
contains.

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Color

Yxy(74.7650, 0.3097, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	F8D5FF
RGB	248, 213, 255
RGB Percent	97%, 84%, 100%
CMY	0.0273, 0.1647, 0.0000
CMYK	0.03, 0.16, 0.00, 0.00
HSL	290°, 100%, 92%
HSV	290°, 16%, 100%
XYZ	80.5662, 74.7650, 104.8115
YIQ	228.2530, 7.3780, 20.4820

Conversions

Conversions Part 2

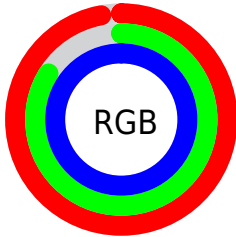
Format	Color
R _Y B	248, 213, 255
Decimal	16307711
CIE Lab	89.28, 19.39, -15.95
CIE LCh	89, 25.110, 320.556
Yxy	74.7650, 0.3097, 0.2874
Android (android.graphics.Color)	4294497791 (0xFFFF8D5FF)
YUV	228.2530, 13.1863, 17.3181
Hunter-Lab	86.4668, 15.0022, -11.3422

Details

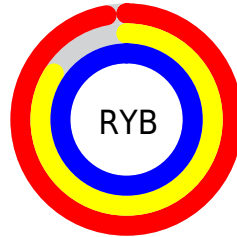
The Yxy color **74.7650, 0.3097, 0.2874** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.5333, 0.3150, 0.3731**, and the grayscale version is **77.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6073, 0.3086, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **62.1673, 0.3073, 0.2611**, and if you desaturate by 10%, it is **89.4004, 0.3117, 0.3130**.

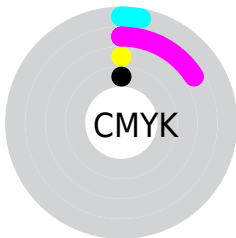
Distribution



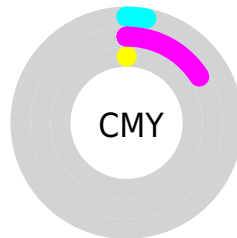
- Red (97%)
- Green (84%)
- Blue (100%)



- Red (97%)
- Yellow (84%)
- Blue (100%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7650, 0.3097, 0.2874 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 74.7650, 0.3097, 0.2874 by changing the saturation by 10% instead.


 74.7650, 0.3097,
0.2874

 74.7650, 0.3097,
0.2874


477.1095, 0.3113,
0.3059

 55.4204, 0.3093,
0.2833


125.9797, 0.3103,
0.2937

 39.7384, 0.3087,
0.2784


158.6185, 0.3105,
0.2962

 27.3346, 0.3080,
0.2723


196.4575, 0.3107,
0.2983

 17.8247, 0.3070,
0.2645

239.8811, 0.3109,
0.3002

 10.8242, 0.3055,
0.2542

289.2738, 0.3110,
0.3019

 5.9488, 0.3032,
0.2401

345.0197, 0.3111,

 2.8139, 0.2993,

0.3034

0.2197

407.5035, 0.3112,
0.3047

■ 1.0354, 0.2915,
0.1877

■ 0.0000, 0.2786,
0.0000

■ 74.7650, 0.3097,
0.2874

■ 74.7650, 0.3097,
0.2874

■ 62.1673, 0.3073,
0.2611

■ 89.4004, 0.3117,
0.3130

■ 51.5080, 0.3044,
0.2349

100.0000, 0.3127,
0.3290

■ 42.6872, 0.3011,
0.2097

■ 35.5942, 0.2973,
0.1865

■ 30.1058, 0.2932,
0.1666

■ 26.0829, 0.2888,
0.1507

■ 23.3622, 0.2844,
0.1394

■ 21.7394, 0.2800,
0.1325

■ 21.3205, 0.2785,
0.1308

Harmonies

Analogous

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



74.7650, 0.2816, 0.2796



74.7650, 0.3097, 0.2874



74.7650, 0.3399, 0.3049

Triad

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



74.7650, 0.3097, 0.2874



74.7650, 0.3647, 0.3734



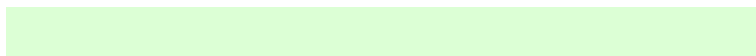
74.7650, 0.2643, 0.3262

Complementary

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



74.7650, 0.3097, 0.2874



91.5333, 0.3150, 0.3731

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.



74.7650, 0.2849, 0.3547



74.7650, 0.3097, 0.2874



74.7650, 0.3428, 0.3825

Square

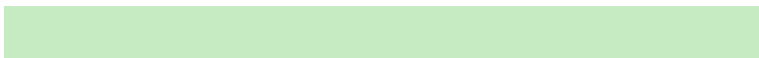
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



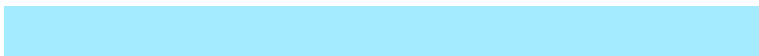
74.7650, 0.3097, 0.2874



74.7650, 0.3725, 0.3533



74.7650, 0.3134, 0.3759



74.7650, 0.2564, 0.3003

Rectangle

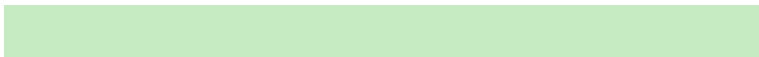
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7650, 0.3097, 0.2874



74.7650, 0.3568, 0.3203



74.7650, 0.3134, 0.3759



74.7650, 0.2699, 0.3359

Sweetspot

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



74.7667, 0.3097, 0.2874



91.7342, 0.3119, 0.3167



72.5480, 0.2860, 0.2920



19.3955, 0.3118, 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.



74.7667, 0.3097, 0.2874



70.0962, 0.3089, 0.2782



75.1953, 0.3242, 0.3013



18.1389, 0.3111, 0.3054



11.1969, 0.2792, 0.1312



1.1289, 0.2842, 0.1339

Inverse Universe

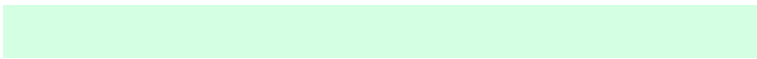
The Inverse Universe completely reimagines the original color for something new.



74.0099, 0.3392, 0.3220



69.2225, 0.3462, 0.3205



91.2107, 0.3028, 0.3584



18.0362, 0.3268, 0.3251



11.2116, 0.6163, 0.3169



1.1048, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 74.7650, 0.3097, 0.2874 looks on a white background.

Color Contrast Check

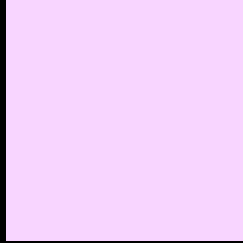
Large Text (above 18pt) WCAG AA × Fail

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 74.7650, 0.3097, 0.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

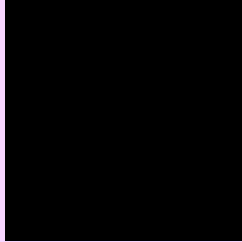
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

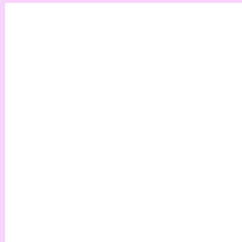
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7650, 0.3097, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 74.7650, 0.3097, 0.2874.

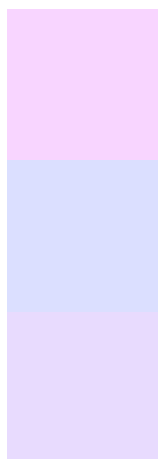


This preview shows how white text looks on a background with the Yxy color 74.7650, 0.3097, 0.2874.

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

74.7650, 0.3097, 0.2874

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

74.9746, 0.2992, 0.2932



Tritanopia

74.9787, 0.3214, 0.3117

Trichromacy



Original Color

74.7650, 0.3097, 0.2874

Protanomaly

74.7060, 0.2972, 0.2921

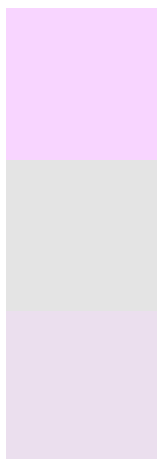
Deuteranomaly

74.9586, 0.3033, 0.2916

Tritanomaly

75.1154, 0.3168, 0.3028

Monochromacy



Original Color

74.7650, 0.3097, 0.2874

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 74.7650, 0.3097, 0.2874 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(248, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.7650, 0.3097, 0.2874 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(248, 213, 255) }
```

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

```
.border{ border-color:rgb(248, 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(248, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7650, 0.3097, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 213, 255) }
```

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

```
.background{ background-color: rgb(248,  
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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