

Converting Colors

$Y_{xy}(74.8136, 0.3174, 0.2898)$

Have a look what the booklet for
Yxy(74.8136, 0.3174, 0.2898)
contains.

Yxy(74.8136, 0.3174, 0.2898)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.8136, 0.3174, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3FB
RGB	255, 211, 251
RGB Percent	100%, 83%, 98%
CMY	0.0001, 0.1725, 0.0156
CMYK	0.00, 0.17, 0.02, 0.00
HSL	305°, 100%, 91%
HSV	305°, 17%, 100%
XYZ	81.9387, 74.8136, 101.4037
YIQ	228.7160, 13.3840, 21.7680

Conversions

Conversions Part 2

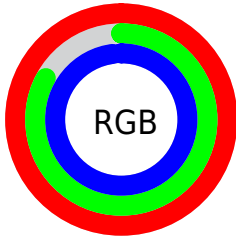
Format	Color
R _Y B	255, 211, 251
Decimal	16765947
CIE Lab	89.31, 21.96, -13.75
CIE LCh	89, 25.914, 327.953
Yxy	74.8136, 0.3174, 0.2898
Android (android.graphics.Color)	4294956027 (0xFFFFD3FB)
YUV	228.7160, 10.9860, 23.0511
Hunter-Lab	86.4949, 17.7314, -8.9632

Details

The Yxy color **74.8136, 0.3174, 0.2898** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.2525, 0.3083, 0.3716**, and the grayscale version is **78.0461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6777, 0.3187, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **62.9925, 0.3205, 0.2666**, and if you desaturate by 10%, it is **88.6521, 0.3146, 0.3128**.

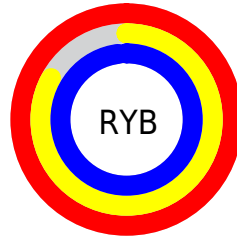
Distribution



Red (100%)

Green (83%)

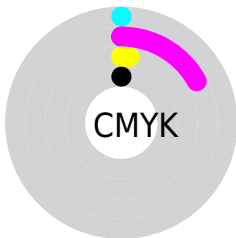
Blue (98%)



Red (100%)

Yellow (83%)

Blue (98%)

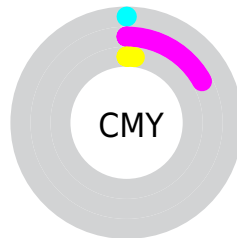


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8136, 0.3174, 0.2898 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 74.8136, 0.3174, 0.2898 by changing the saturation by 10% instead.

 74.8136, 0.3174,
0.2898

 74.8136, 0.3174,
0.2898


477.2766, 0.3155,
0.3073

 55.4602, 0.3178,
0.2860


126.0485, 0.3168,
0.2957

 39.7703, 0.3182,
0.2813


158.6987, 0.3165,
0.2981

 27.3595, 0.3187,
0.2755


196.5501, 0.3163,
0.3001

 17.8434, 0.3193,
0.2682

239.9869, 0.3161,
0.3019

 10.8376, 0.3200,
0.2585

289.3935, 0.3159,
0.3035

 5.9577, 0.3208,
0.2451

345.1544, 0.3158,

 2.8194, 0.3215,

0.3049

0.2257

407.6540, 0.3156,
0.3061

■ 1.0382, 0.3216,
0.1951

■ 0.0000, 0.3454,
0.0000

■ 74.8136, 0.3174,
0.2898

■ 74.8136, 0.3174,
0.2898

■ 62.9925, 0.3205,
0.2666

■ 88.6521, 0.3146,
0.3128

■ 53.0846, 0.3239,
0.2439

99.9930, 0.3127,
0.3290

■ 44.9910, 0.3275,
0.2226

■ 38.6001, 0.3312,
0.2039

■ 33.7882, 0.3348,
0.1885

■ 30.4146, 0.3383,
0.1772

■ 28.3139, 0.3416,
0.1704

■ 27.2729, 0.3446,
0.1679

■ 27.0839, 0.3454,
0.1676

Harmonies

Analogous

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



74.8136, 0.2871, 0.2790



74.8136, 0.3174, 0.2898



74.8136, 0.3478, 0.3098

Triad

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



74.8136, 0.3174, 0.2898



74.8136, 0.3619, 0.3784



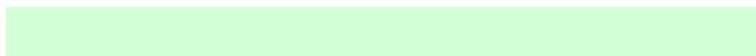
74.8136, 0.2595, 0.3189

Complementary

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



74.8136, 0.3174, 0.2898



90.2525, 0.3083, 0.3716

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.



74.8136, 0.2777, 0.3485



74.8136, 0.3174, 0.2898



74.8136, 0.3366, 0.3842

Square

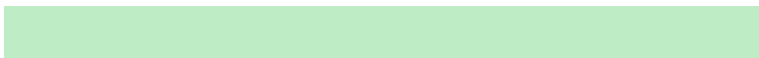
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



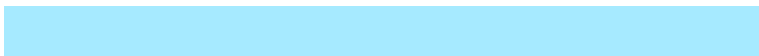
74.8136, 0.3174, 0.2898



74.8136, 0.3740, 0.3598



74.8136, 0.3058, 0.3733



74.8136, 0.2549, 0.2941

Rectangle

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



74.8136, 0.3174, 0.2898



74.8136, 0.3634, 0.3262



74.8136, 0.3058, 0.3733



74.8136, 0.2642, 0.3286

Sweetspot

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



74.8169, 0.3174, 0.2898



92.0597, 0.3140, 0.3179



68.2139, 0.2868, 0.2824



19.4748, 0.3142, 0.3163



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.



74.8169, 0.3174, 0.2898



70.1577, 0.3185, 0.2810



73.5261, 0.3326, 0.3107



18.2706, 0.3152, 0.3076



14.1682, 0.3449, 0.1674



1.3874, 0.3419, 0.1657

Inverse Universe

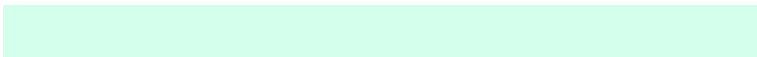
The Inverse Universe completely reimagines the original color for something new.



74.8169, 0.3174, 0.2898



70.1577, 0.3185, 0.2810



91.4423, 0.2964, 0.3481



18.2706, 0.3152, 0.3076



14.1682, 0.3449, 0.1674



1.3874, 0.3419, 0.1657

Previews

White Background



This preview shows how the Yxy color 74.8136, 0.3174, 0.2898 looks on a white background.

Color Contrast Check

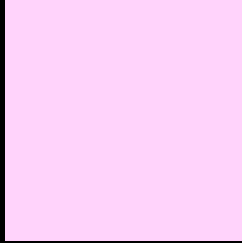
Large Text (above 18pt) WCAG AA × Fail

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 74.8136, 0.3174, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

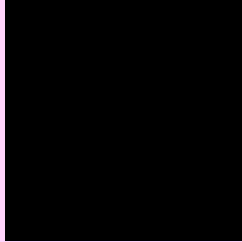
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8136, 0.3174, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 74.8136, 0.3174, 0.2898.



This preview shows how white text looks on a background with the Yxy color 74.8136, 0.3174, 0.2898.

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

74.8136, 0.3174, 0.2898

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

75.2273, 0.3038, 0.2974



Tritanopia

74.5581, 0.3289, 0.3119

Trichromacy



Original Color

74.8136, 0.3174, 0.2898

Protanomaly

74.9746, 0.2992, 0.2932

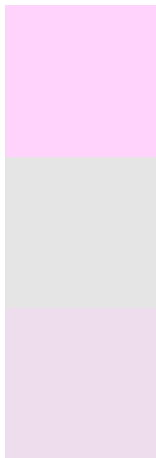
Deuteranomaly

74.8911, 0.3087, 0.2947

Tritanomaly

74.6442, 0.3248, 0.3041

Monochromacy



Original Color

74.8136, 0.3174, 0.2898

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.5341, 0.3141, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8136, 0.3174, 0.2898 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(255, 211, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 251)  
}
```

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(255, 211, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 251) }
```

Border

The CSS property to change the border of an element to Yxy 74.8136, 0.3174, 0.2898 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(255, 211, 251) }
```

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

```
.border{ border-color:rgb(255, 211, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8136, 0.3174, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 251) }
```

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

```
.background{ background-color: rgb(255,  
211, 251) }
```

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