

Converting Colors

$Y_{xy}(74.9155, 0.3134, 0.2871)$

Have a look what the booklet for
Yxy(74.9155, 0.3134, 0.2871)
contains.

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Color

Yxy(75.1254, 0.3139, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	FDD4FE
RGB	253, 212, 254
RGB Percent	99%, 83%, 100%
CMY	0.0079, 0.1686, 0.0038
CMYK	0.00, 0.17, 0.00, 0.00
HSL	299°, 96%, 91%
HSV	299°, 17%, 100%
XYZ	81.9384, 75.1254, 103.9696
YIQ	229.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

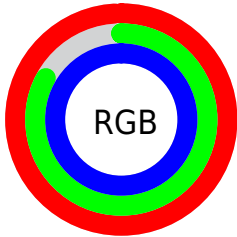
Format	Color
R _{YB}	253, 212, 254
Decimal	16635134
CIE _{Lab}	89.45, 21.33, -15.13
CIE _{LCh}	89, 26.156, 324.653
Y _{xy}	75.1254, 0.3139, 0.2878
Android (android.graphics.Color)	4294825214 (0xFFFD4FE)
Y _{UV}	229.0470, 12.3018, 21.0068
Hunter-Lab	86.6749, 17.0644, -10.4480

Details

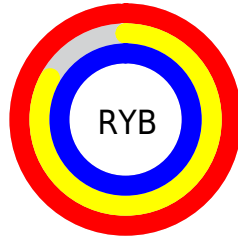
The Yxy color **75.1254, 0.3139, 0.2878** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.8095, 0.3113, 0.3738**, and the grayscale version is **78.2944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8809, 0.3141, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **63.2923, 0.3145, 0.2625**, and if you desaturate by 10%, it is **88.9634, 0.3132, 0.3130**.

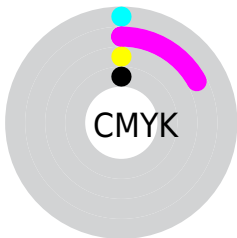
Distribution



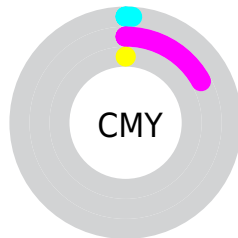
- Red (99%)
- Green (83%)
- Blue (100%)



- Red (99%)
- Yellow (83%)
- Blue (100%)



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



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1254, 0.3139, 0.2878 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 75.1254, 0.3139, 0.2878 by changing the saturation by 10% instead.


 75.1254, 0.3139,
0.2878

 75.1254, 0.3139,
0.2878


478.3485, 0.3136,
0.3061

 55.7156, 0.3139,
0.2838


126.4899, 0.3139,
0.2940

 39.9750, 0.3139,
0.2789


159.2133, 0.3138,
0.2965

 27.5190, 0.3138,
0.2729


197.1435, 0.3138,
0.2986

 17.9634, 0.3137,
0.2652

240.6647, 0.3138,
0.3005

 10.9237, 0.3133,
0.2551

290.1615, 0.3137,
0.3021

 6.0156, 0.3127,
0.2412

346.0181, 0.3137,

 2.8545, 0.3112,

0.3036

0.2212

408.6189, 0.3137,
0.3049

■ 1.0563, 0.3075,
0.1898

■ 0.0000, 0.3183,
0.0000

■ 75.1254, 0.3139,
0.2878

■ 75.1254, 0.3139,
0.2878

■ 63.2923, 0.3145,
0.2625

■ 88.9634, 0.3132,
0.3130

■ 53.3611, 0.3151,
0.2378

99.7948, 0.3128,
0.3299

■ 45.2345, 0.3155,
0.2147

99.9146, 0.3132,
0.3299

■ 38.8027, 0.3157,
0.1942

99.9375, 0.3133,
0.3299

■ 33.9439, 0.3158,
0.1772

■ 30.5201, 0.3156,
0.1643

■ 28.3695, 0.3153,
0.1559

■ 27.2894, 0.3148,
0.1516

■ 27.0586, 0.3146,
0.1507

Harmonies

Analogous

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



75.1254, 0.2839, 0.2782



75.1254, 0.3139, 0.2878



75.1254, 0.3450, 0.3071

Triad

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



75.1254, 0.3139, 0.2878



75.1254, 0.3644, 0.3773



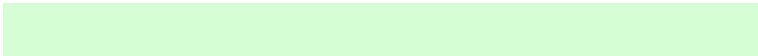
75.1254, 0.2605, 0.3220

Complementary

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



75.1254, 0.3139, 0.2878



89.8095, 0.3113, 0.3738

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.



75.1254, 0.2802, 0.3519



75.1254, 0.3139, 0.2878



75.1254, 0.3400, 0.3848

Square

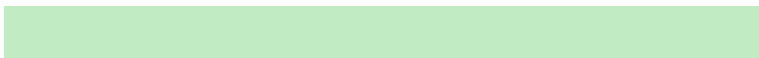
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



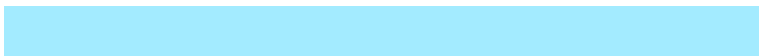
75.1254, 0.3139, 0.2878



75.1254, 0.3749, 0.3575



75.1254, 0.3091, 0.3757



75.1254, 0.2542, 0.2961

Rectangle

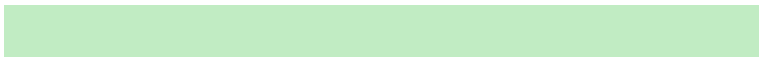
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1254, 0.3139, 0.2878



75.1254, 0.3616, 0.3234



75.1254, 0.3091, 0.3757



75.1254, 0.2657, 0.3320

Sweetspot

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



75.1287, 0.3139, 0.2878



92.0730, 0.3131, 0.3168



68.9517, 0.2857, 0.2857



19.4781, 0.3131, 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.



75.1287, 0.3139, 0.2878



71.4255, 0.3141, 0.2790



74.1328, 0.3282, 0.3066



18.2759, 0.3134, 0.3056



14.2725, 0.3147, 0.1507



1.3967, 0.3154, 0.1511

Inverse Universe

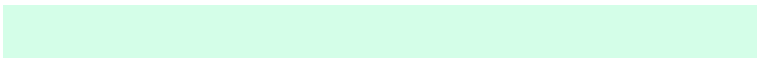
The Inverse Universe completely reimagines the original color for something new.



72.9752, 0.3436, 0.3280



68.8666, 0.3517, 0.3278



90.7040, 0.2997, 0.3525



17.9944, 0.3291, 0.3285



11.1193, 0.6376, 0.3286



1.0851, 0.6316, 0.3253

Previews

White Background



This preview shows how the Yxy color 75.1254, 0.3139, 0.2878 looks on a white background.

Color Contrast Check

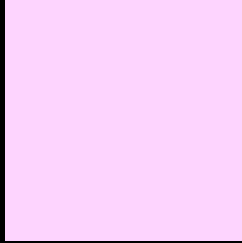
Large Text (above 18pt) WCAG AA × Fail

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 75.1254, 0.3139, 0.2878 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

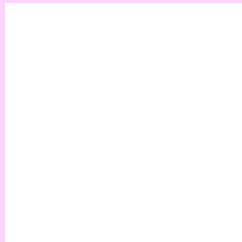
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1254, 0.3139, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 75.1254, 0.3139, 0.2878.



This preview shows how white text looks on a background with the Yxy color 75.1254, 0.3139, 0.2878.

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

75.1254, 0.3139, 0.2878

Protanopia

75.5914, 0.2901, 0.2967

Deuteranopia

75.2473, 0.3012, 0.2944



Tritanopia

75.3189, 0.3258, 0.3119

Trichromacy



Original Color

75.1254, 0.3139, 0.2878

Protanomaly

75.3953, 0.2979, 0.2932

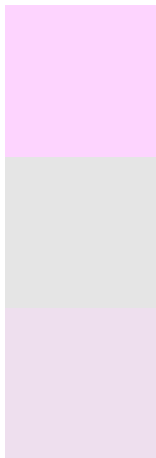
Deuteranomaly

74.9044, 0.3060, 0.2918

Tritanomaly

75.4610, 0.3211, 0.3031

Monochromacy



Original Color

75.1254, 0.3139, 0.2878

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.1255, 0.3134, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1254, 0.3139, 0.2878 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(253, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 212, 254)  
}
```

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(253, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 212, 254) }
```

Border

The CSS property to change the border of an element to Yxy 75.1254, 0.3139, 0.2878 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(253, 212, 254) }
```

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

```
.border{ border-color:rgb(253, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 212,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1254, 0.3139, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 212, 254) }
```

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

```
.background{ background-color: rgb(253,  
212, 254) }
```

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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