

Converting Colors

$Y_{xy}(76.4700, 0.3069, 0.2775)$

Have a look what the booklet for
Yxy(76.4700, 0.3069, 0.2775)
contains.

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Color

Yxy(75.8793, 0.3139, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	FED5FF
RGB	254, 213, 255
RGB Percent	100%, 84%, 100%
CMY	0.0041, 0.1646, 0.0000
CMYK	0.00, 0.16, 0.00, 0.00
HSL	299°, 100%, 92%
HSV	299°, 16%, 100%
XYZ	82.7032, 75.8793, 104.8873
YIQ	230.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

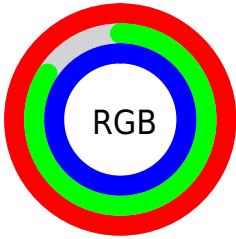
Format	Color
R _Y B	254, 213, 255
Decimal	16700927
CIE Lab	89.80, 21.30, -15.10
CIE LCh	90, 26.108, 324.654
Yxy	75.8793, 0.3139, 0.2880
Android (android.graphics.Color)	4294891007 (0xFF FED5FF)
YUV	230.0470, 12.3018, 21.0068
Hunter-Lab	87.1087, 17.0320, -10.4148

Details

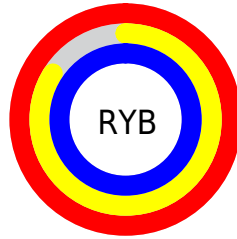
The Yxy color **75.8793, 0.3139, 0.2880** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.6260, 0.3113, 0.3735**, and the grayscale version is **79.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4013, 0.3141, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **63.9269, 0.3145, 0.2627**, and if you desaturate by 10%, it is **89.8555, 0.3132, 0.3132**.

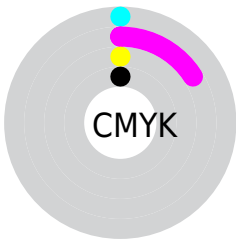
Distribution



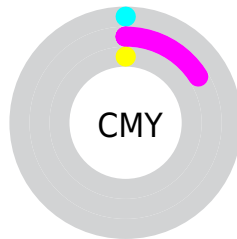
- Red (100%)
- Green (84%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8793, 0.3139, 0.2880 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 75.8793, 0.3139, 0.2880 by changing the saturation by 10% instead.


 75.8793, 0.3139,
0.2880

 75.8793, 0.3139,
0.2880


480.9344, 0.3136,
0.3062

 56.3335, 0.3139,
0.2840


127.5563, 0.3139,
0.2942

 40.4704, 0.3139,
0.2792


160.4563, 0.3138,
0.2966

 27.9055, 0.3138,
0.2732


198.5765, 0.3138,
0.2987

 18.2544, 0.3137,
0.2656

242.3013, 0.3138,
0.3006

 11.1328, 0.3134,
0.2556

292.0151, 0.3137,
0.3022

 6.1562, 0.3127,
0.2420

348.1023, 0.3137,

 2.9403, 0.3113,

0.3037

0.2222

410.9473, 0.3137,
0.3050

■ 1.1007, 0.3077,
0.1914

■ 0.0000, 0.3256,
0.0000

■ 75.8793, 0.3139,
0.2880

■ 75.8793, 0.3139,
0.2880

■ 63.9269, 0.3145,
0.2627

■ 89.8555, 0.3132,
0.3132

■ 53.8944, 0.3151,
0.2379

99.9995, 0.3127,
0.3290

■ 45.6836, 0.3155,
0.2148

■ 39.1838, 0.3157,
0.1943

■ 34.2721, 0.3158,
0.1773

■ 30.8095, 0.3157,
0.1644

■ 28.6329, 0.3153,
0.1559

■ 27.5383, 0.3148,
0.1516

■ 27.3012, 0.3146,
0.1507

Harmonies

Analogous

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



75.8793, 0.2841, 0.2784



75.8793, 0.3139, 0.2880



75.8793, 0.3448, 0.3072

Triad

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



75.8793, 0.3139, 0.2880



75.8793, 0.3641, 0.3770



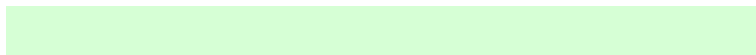
75.8793, 0.2607, 0.3220

Complementary

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



75.8793, 0.3139, 0.2880



90.6260, 0.3113, 0.3735

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.



75.8793, 0.2804, 0.3518



75.8793, 0.3139, 0.2880



75.8793, 0.3399, 0.3845

Square

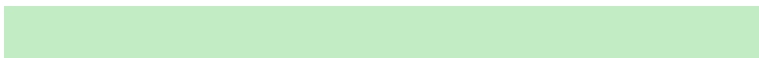
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8793, 0.3139, 0.2880



75.8793, 0.3745, 0.3574



75.8793, 0.3091, 0.3754



75.8793, 0.2545, 0.2962

Rectangle

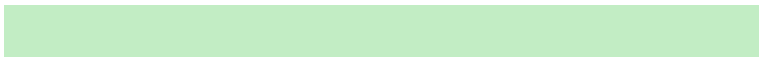
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8793, 0.3139, 0.2880



75.8793, 0.3613, 0.3234



75.8793, 0.3091, 0.3754



75.8793, 0.2659, 0.3319

Sweetspot

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



75.8826, 0.3139, 0.2880



92.0734, 0.3131, 0.3168



69.6772, 0.2858, 0.2859



19.4782, 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.



75.8826, 0.3139, 0.2880



71.4272, 0.3141, 0.2790



74.8812, 0.3281, 0.3067



18.2761, 0.3134, 0.3056



14.2768, 0.3147, 0.1508



1.3971, 0.3155, 0.1512

Inverse Universe

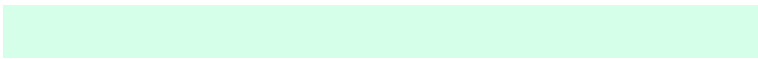
The Inverse Universe completely reimagines the original color for something new.



73.7177, 0.3435, 0.3280



68.8662, 0.3517, 0.3278



91.5258, 0.2997, 0.3524



17.9944, 0.3291, 0.3285



11.1192, 0.6376, 0.3286



1.0851, 0.6316, 0.3253

Previews

White Background



This preview shows how the Yxy color 75.8793, 0.3139, 0.2880 looks on a white background.

Color Contrast Check

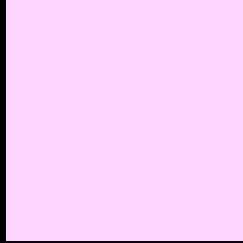
Large Text (above 18pt) WCAG AA × Fail

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 75.8793, 0.3139, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

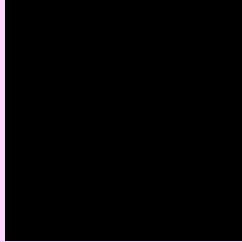
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

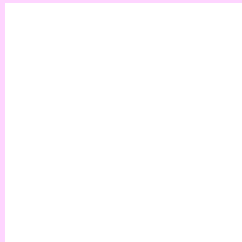
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8793, 0.3139, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 75.8793, 0.3139, 0.2880.



This preview shows how white text looks on a background with the Yxy color 75.8793, 0.3139, 0.2880.

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

75.8793, 0.3139, 0.2880

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.0043, 0.3012, 0.2945



Tritanopia

76.0755, 0.3258, 0.3120

Trichromacy



Original Color

75.8793, 0.3139, 0.2880

Protanomaly

76.2565, 0.2993, 0.2944

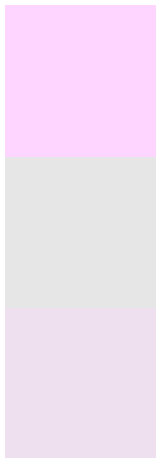
Deuteranomaly

75.6587, 0.3061, 0.2919

Tritanomaly

76.2180, 0.3211, 0.3032

Monochromacy



Original Color

75.8793, 0.3139, 0.2880

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.8940, 0.3134, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8793, 0.3139, 0.2880 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(254, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.8793, 0.3139, 0.2880 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(254, 213, 255) }
```

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

```
.border{ border-color:rgb(254, 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(254, 213, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8793, 0.3139, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 255) }
```

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

```
.background{ background-color: rgb(254,  
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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