

Converting Colors

$Y_{xy}(81.1189, 0.2926, 0.2702)$

Have a look what the booklet for
Yxy(81.1189, 0.2926, 0.2702)
contains.

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Color

Yxy(79.0726, 0.3101, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	F9DDFF
RGB	249, 221, 255
RGB Percent	98%, 87%, 100%
CMY	0.0238, 0.1332, 0.0001
CMYK	0.02, 0.13, 0.00, 0.00
HSL	289°, 100%, 93%
HSV	289°, 13%, 100%
XYZ	82.9513, 79.0726, 105.4747
YIQ	233.2480, 5.7740, 16.5100

Conversions

Conversions Part 2

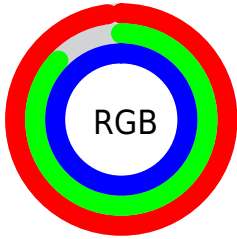
Format	Color
R _Y B	249, 221, 255
Decimal	16375295
CIE Lab	91.27, 15.46, -12.95
CIE LCh	91, 20.168, 320.058
Yxy	79.0726, 0.3101, 0.2956
Android (android.graphics.Color)	4294565375 (0xFFF9DDFF)
YUV	233.2480, 10.7237, 13.8145
Hunter-Lab	88.9228, 10.8983, -8.0802

Details

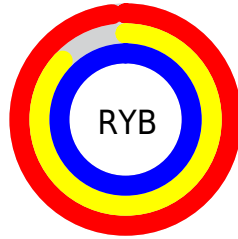
The Yxy color **79.0726, 0.3101, 0.2956** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.0683, 0.3148, 0.3639**, and the grayscale version is **81.5926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5561, 0.3092, 0.2888** is the 20% darker color. If you saturate the color by 10%, you get **65.7927, 0.3076, 0.2694**, and if you desaturate by 10%, it is **94.4242, 0.3121, 0.3209**.

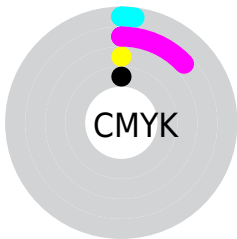
Distribution



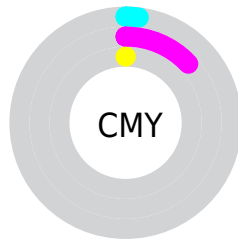
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0726, 0.3101, 0.2956 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 79.0726, 0.3101, 0.2956 by changing the saturation by 10% instead.

 79.0726, 0.3101,
0.2956

 79.0726, 0.3101,
0.2956


491.8019, 0.3115,
0.3104

 58.9555, 0.3098,
0.2924

132.0611, 0.3106,
0.3006

 42.5773, 0.3093,
0.2884


165.7012, 0.3108,
0.3026

 29.5536, 0.3088,
0.2835


204.6178, 0.3109,
0.3044

 19.5000, 0.3080,
0.2773

249.1953, 0.3111,
0.3059

 12.0321, 0.3069,
0.2691

299.8181, 0.3112,
0.3072

 6.7656, 0.3052,
0.2578

356.8705, 0.3113,

 3.3159, 0.3024,

0.3084

0.2415

420.7370, 0.3114,
0.3095

■ 1.2988, 0.2970,
0.2157

■ 0.1403, 0.2983,
0.0819

■ 79.0726, 0.3101,
0.2956

■ 79.0726, 0.3101,
0.2956

■ 65.7927, 0.3076,
0.2694

■ 94.4242, 0.3121,
0.3209

■ 54.4821, 0.3046,
0.2429

99.9983, 0.3127,
0.3290

■ 45.0452, 0.3010,
0.2171

■ 37.3744, 0.2971,
0.1930

■ 31.3508, 0.2927,
0.1717

■ 26.8409, 0.2880,
0.1542

■ 23.6902, 0.2832,
0.1411

■ 21.7108, 0.2785,
0.1327

■ 20.8596, 0.2754,
0.1291

Harmonies

Analogous

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



79.0726, 0.2878, 0.2896



79.0726, 0.3101, 0.2956



79.0726, 0.3339, 0.3096

Triad

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



79.0726, 0.3101, 0.2956



79.0726, 0.3540, 0.3641



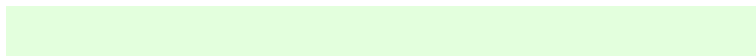
79.0726, 0.2745, 0.3274

Complementary

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



79.0726, 0.3101, 0.2956



93.0683, 0.3148, 0.3639

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.



79.0726, 0.2911, 0.3495



79.0726, 0.3101, 0.2956



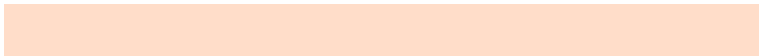
79.0726, 0.3370, 0.3709

Square

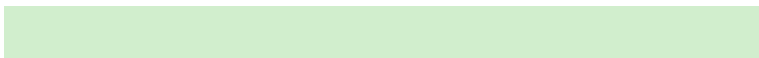
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0726, 0.3101, 0.2956



79.0726, 0.3597, 0.3484



79.0726, 0.3139, 0.3658



79.0726, 0.2679, 0.3069

Rectangle

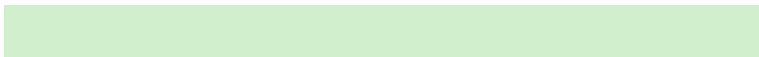
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0726, 0.3101, 0.2956



79.0726, 0.3471, 0.3220



79.0726, 0.3139, 0.3658



79.0726, 0.2791, 0.3350

Sweetspot

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



79.0760, 0.3101, 0.2956



93.3211, 0.3120, 0.3192



77.6738, 0.2915, 0.3003



19.7140, 0.3119, 0.3173



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.



79.0760, 0.3101, 0.2956



75.3230, 0.3095, 0.2886



79.5308, 0.3214, 0.3062



18.1272, 0.3109, 0.3054



10.9616, 0.2761, 0.1295



1.1081, 0.2815, 0.1324

Inverse Universe

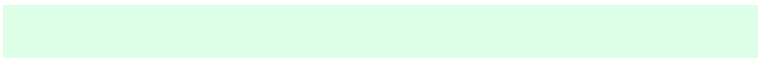
The Inverse Universe completely reimagines the original color for something new.



78.5356, 0.3330, 0.3230



74.6996, 0.3379, 0.3218



92.6942, 0.3050, 0.3529



18.0399, 0.3266, 0.3248



11.2245, 0.6135, 0.3153



1.1066, 0.5849, 0.2996

Previews

White Background



This preview shows how the Yxy color 79.0726, 0.3101, 0.2956 looks on a white background.

Color Contrast Check

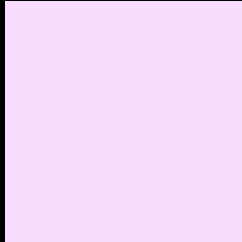
Large Text (above 18pt) WCAG AA × Fail

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 79.0726, 0.3101, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

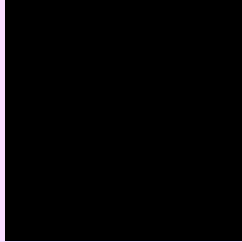
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

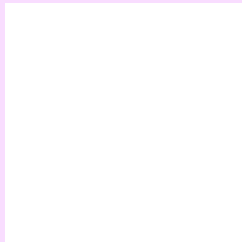
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0726, 0.3101, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 79.0726, 0.3101, 0.2956.

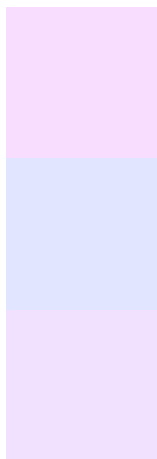


This preview shows how white text looks on a background with the Yxy color 79.0726, 0.3101, 0.2956.

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

79.0726, 0.3101, 0.2956

Protanopia

79.4274, 0.2947, 0.3023

Deuteranopia

79.1678, 0.3052, 0.2990



Tritanopia

78.9004, 0.3178, 0.3110

Trichromacy



Original Color

79.0726, 0.3101, 0.2956

Protanomaly

79.1051, 0.2999, 0.2997

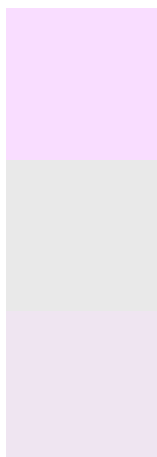
Deuteranomaly

79.1642, 0.3073, 0.2982

Tritanomaly

78.8528, 0.3152, 0.3051

Monochromacy



Original Color

79.0726, 0.3101, 0.2956

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.7402, 0.3119, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0726, 0.3101, 0.2956 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(249, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 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(249, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.0726, 0.3101, 0.2956 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(249, 221, 255) }
```

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

```
.border{ border-color:rgb(249, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0726, 0.3101, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 255) }
```

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

```
.background{ background-color: rgb(249,  
221, 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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