

Converting Colors

$Y_{xy}(75.6902, 0.3136, 0.2878)$

Have a look what the booklet for
Yxy(75.6902, 0.3136, 0.2878)
contains.

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Color

Yxy(75.6911, 0.3132, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	FDD5FF
RGB	253, 213, 255
RGB Percent	99%, 84%, 100%
CMY	0.0080, 0.1646, 0.0000
CMYK	0.01, 0.16, 0.00, 0.00
HSL	297°, 100%, 92%
HSV	297°, 16%, 100%
XYZ	82.3427, 75.6911, 104.8738
YIQ	229.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

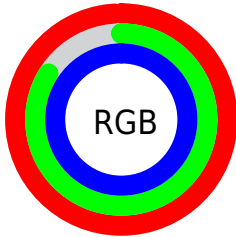
Format	Color
R _Y B	253, 213, 255
Decimal	16635391
CIE Lab	89.72, 20.98, -15.25
CIE LCh	90, 25.933, 323.992
Yxy	75.6911, 0.3132, 0.2879
Android (android.graphics.Color)	4294825471 (0xFFFDD5FF)
YUV	229.7480, 12.4492, 20.3920
Hunter-Lab	87.0006, 16.6921, -10.5700

Details

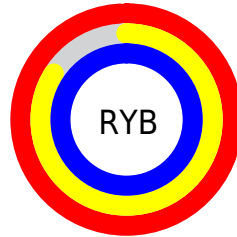
The Yxy color **75.6911, 0.3132, 0.2879** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.7772, 0.3119, 0.3735**, and the grayscale version is **78.8353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2667, 0.3132, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **63.6273, 0.3133, 0.2624**, and if you desaturate by 10%, it is **89.7798, 0.3129, 0.3131**.

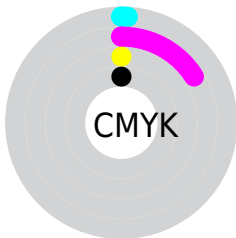
Distribution



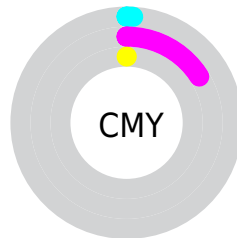
- Red (99%)
- Green (84%)
- Blue (100%)



- Red (99%)
- Yellow (84%)
- Blue (100%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6911, 0.3132, 0.2879 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 75.6911, 0.3132, 0.2879 by changing the saturation by 10% instead.

 75.6911, 0.3132,
0.2879

 75.6911, 0.3132,
0.2879


480.2896, 0.3132,
0.3062

 56.1792, 0.3131,
0.2839


127.2902, 0.3133,
0.2941

 40.3467, 0.3130,
0.2791


160.1462, 0.3133,
0.2965

 27.8089, 0.3129,
0.2730


198.2190, 0.3133,
0.2987

 18.1817, 0.3126,
0.2654

241.8931, 0.3133,
0.3005

 11.0805, 0.3121,
0.2554

291.5528, 0.3133,
0.3022

 6.1210, 0.3111,
0.2416

347.5825, 0.3133,

 2.9188, 0.3093,

0.3036

0.2218

410.3667, 0.3133,
0.3050

1.0895, 0.3050,
0.1908

0.0000, 0.3182,
0.0000

75.6911, 0.3132,
0.2879

75.6911, 0.3132,
0.2879

63.6273, 0.3133,
0.2624

89.7798, 0.3129,
0.3131

53.4845, 0.3133,
0.2374

99.9998, 0.3127,
0.3290

45.1646, 0.3131,
0.2140

38.5568, 0.3127,
0.1930

■ 33.5382, 0.3120,
0.1755

■ 29.9698, 0.3112,
0.1621

■ 27.6884, 0.3102,
0.1532

■ 26.4901, 0.3090,
0.1484

■ 26.2168, 0.3086,
0.1474

Harmonies

Analogous

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



75.6911, 0.2836, 0.2786



75.6911, 0.3132, 0.2879



75.6911, 0.3440, 0.3068

Triad

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



75.6911, 0.3132, 0.2879



75.6911, 0.3642, 0.3764



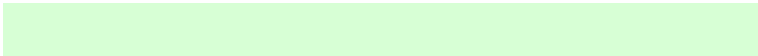
75.6911, 0.2613, 0.3227

Complementary

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



75.6911, 0.3132, 0.2879



90.7772, 0.3119, 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.



75.6911, 0.2811, 0.3522



75.6911, 0.3132, 0.2879



75.6911, 0.3404, 0.3842

Square

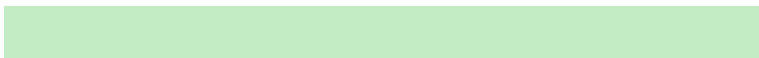
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6911, 0.3132, 0.2879



75.6911, 0.3742, 0.3567



75.6911, 0.3099, 0.3755



75.6911, 0.2548, 0.2969

Rectangle

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



75.6911, 0.3132, 0.2879



75.6911, 0.3606, 0.3229



75.6911, 0.3099, 0.3755



75.6911, 0.2666, 0.3326

Sweetspot

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



75.6944, 0.3132, 0.2879



92.0165, 0.3129, 0.3168



70.0295, 0.2858, 0.2867



19.4643, 0.3129, 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.



75.6944, 0.3132, 0.2879



71.2013, 0.3133, 0.2789



74.9196, 0.3276, 0.3061



18.2530, 0.3130, 0.3055



13.7188, 0.3088, 0.1475



1.3490, 0.3103, 0.1483

Inverse Universe

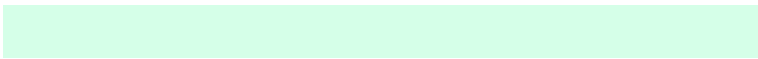
The Inverse Universe completely reimagines the original color for something new.



73.7660, 0.3427, 0.3270



68.9246, 0.3508, 0.3266



91.4879, 0.3001, 0.3531



18.0013, 0.3287, 0.3279



11.1291, 0.6352, 0.3273



1.0884, 0.6238, 0.3210

Previews

White Background



This preview shows how the Yxy color 75.6911, 0.3132, 0.2879 looks on a white background.

Color Contrast Check

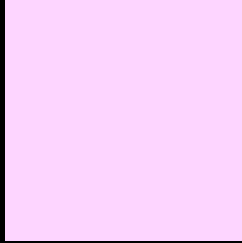
Large Text (above 18pt) WCAG AA × Fail

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 75.6911, 0.3132, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

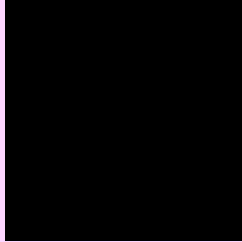
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

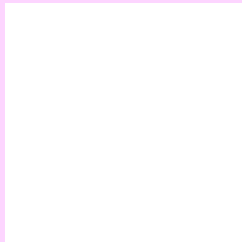
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6911, 0.3132, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 75.6911, 0.3132, 0.2879.

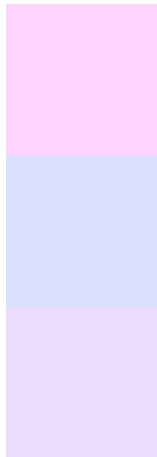


This preview shows how white text looks on a background with the Yxy color 75.6911, 0.3132, 0.2879.

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

75.6911, 0.3132, 0.2879

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

76.0043, 0.3012, 0.2945



Tritanopia

75.8902, 0.3251, 0.3119

Trichromacy



Original Color

75.6911, 0.3132, 0.2879

Protanomaly

75.5622, 0.2986, 0.2933

Deuteranomaly

75.6587, 0.3061, 0.2919

Tritanomaly

76.0318, 0.3204, 0.3031

Monochromacy



Original Color

75.6911, 0.3132, 0.2879

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.7204, 0.3127, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6911, 0.3132, 0.2879 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.6911, 0.3132, 0.2879 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, 213, 255) }
```

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

```
.border{ border-color:rgb(253, 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(253, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6911, 0.3132, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 213, 255) }
```

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

```
.background{ background-color: rgb(253,  
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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