

Converting Colors

$Y_{xy}(75.9403, 0.3160, 0.2899)$

Have a look what the booklet for
Yxy(75.9403, 0.3160, 0.2899)
contains.

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Color

Yxy(75.9403, 0.3160, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5FD
RGB	255, 213, 253
RGB Percent	100%, 84%, 99%
CMY	0.0000, 0.1648, 0.0078
CMYK	0.00, 0.16, 0.01, 0.00
HSL	303°, 100%, 92%
HSV	303°, 16%, 100%
XYZ	82.7773, 75.9403, 103.2358
YIQ	230.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

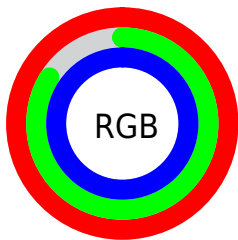
Format	Color
R _Y B	255, 213, 253
Decimal	16766461
CIE Lab	89.83, 21.32, -14.01
CIE LCh	90, 25.509, 326.680
Yxy	75.9403, 0.3160, 0.2899
Android (android.graphics.Color)	4294956541 (0xFFFFD5FD)
YUV	230.1180, 11.2808, 21.8215
Hunter-Lab	87.1437, 17.0545, -9.2380

Details

The Yxy color **75.9403, 0.3160, 0.2899** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.5692, 0.3095, 0.3715**, and the grayscale version is **79.1256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4450, 0.3168, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **64.0243, 0.3182, 0.2657**, and if you desaturate by 10%, it is **89.8634, 0.3139, 0.3139**.

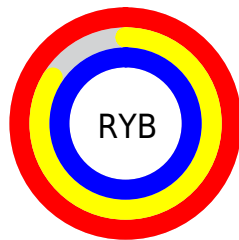
Distribution



Red (100%)

Green (84%)

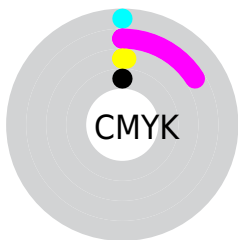
Blue (99%)



Red (100%)

Yellow (84%)

Blue (99%)

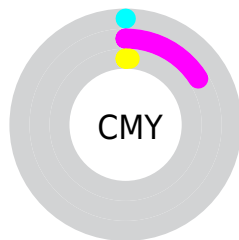


Cyan (0%)

Magenta (16%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9403, 0.3160, 0.2899 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 75.9403, 0.3160, 0.2899 by changing the saturation by 10% instead.


 75.9403, 0.3160,
0.2899

 75.9403, 0.3160,
0.2899


481.1433, 0.3147,
0.3073

 56.3836, 0.3162,
0.2861


127.6425, 0.3156,
0.2958

 40.5105, 0.3165,
0.2815


160.5568, 0.3154,
0.2981

 27.9368, 0.3168,
0.2757


198.6923, 0.3153,
0.3001

 18.2780, 0.3171,
0.2685

242.4336, 0.3152,
0.3019

 11.1498, 0.3174,
0.2589

292.1649, 0.3150,
0.3035

 6.1677, 0.3176,
0.2457

348.2707, 0.3149,

 2.9473, 0.3176,

0.3049

0.2267

411.1354, 0.3148,
0.3061

1.1043, 0.3164,
0.1968

0.0000, 0.3438,
0.0000

75.9403, 0.3160,
0.2899

75.9403, 0.3160,
0.2899

64.0243, 0.3182,
0.2657

89.8634, 0.3139,
0.3139

54.0367, 0.3205,
0.2422

100.0000, 0.3127,
0.3290

45.8708, 0.3228,
0.2201

39.4159, 0.3251,
0.2006

■ 34.5492, 0.3274,
0.1845

■ 31.1314, 0.3294,
0.1725

■ 28.9995, 0.3313,
0.1649

■ 27.9493, 0.3328,
0.1616

■ 27.7285, 0.3333,
0.1610

Harmonies

Analogous

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



75.9403, 0.2865, 0.2798



75.9403, 0.3160, 0.2899



75.9403, 0.3459, 0.3092

Triad

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



75.9403, 0.3160, 0.2899



75.9403, 0.3617, 0.3769



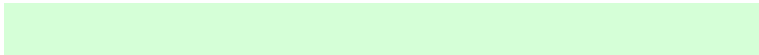
75.9403, 0.2610, 0.3203

Complementary

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



75.9403, 0.3160, 0.2899



90.5692, 0.3095, 0.3715

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.



75.9403, 0.2795, 0.3493



75.9403, 0.3160, 0.2899



75.9403, 0.3374, 0.3831

Square

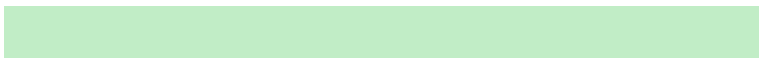
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



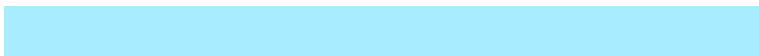
75.9403, 0.3160, 0.2899



75.9403, 0.3729, 0.3583



75.9403, 0.3072, 0.3731



75.9403, 0.2559, 0.2957

Rectangle

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



75.9403, 0.3160, 0.2899



75.9403, 0.3615, 0.3253



75.9403, 0.3072, 0.3731



75.9403, 0.2658, 0.3299

Sweetspot

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



75.9353, 0.3160, 0.2899



92.0945, 0.3137, 0.3174



69.1570, 0.2866, 0.2844



19.4833, 0.3138, 0.3157



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.



75.9353, 0.3160, 0.2899



71.5116, 0.3167, 0.2814



74.7024, 0.3301, 0.3095



18.2847, 0.3145, 0.3067



14.4952, 0.3331, 0.1609



1.4157, 0.3316, 0.1600

Inverse Universe

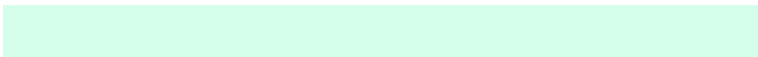
The Inverse Universe completely reimagines the original color for something new.



75.9353, 0.3160, 0.2899



71.5116, 0.3167, 0.2814



91.6853, 0.2982, 0.3494



18.2847, 0.3145, 0.3067



14.4952, 0.3331, 0.1609



1.4157, 0.3316, 0.1600

Previews

White Background



This preview shows how the Yxy color 75.9403, 0.3160, 0.2899 looks on a white background.

Color Contrast Check

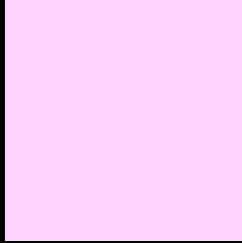
Large Text (above 18pt) WCAG AA × Fail

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 75.9403, 0.3160, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

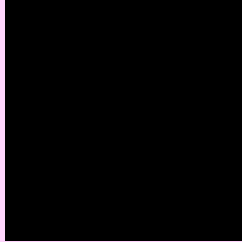
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9403, 0.3160, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 75.9403, 0.3160, 0.2899.



This preview shows how white text looks on a background with the Yxy color 75.9403, 0.3160, 0.2899.

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

75.9403, 0.3160, 0.2899

Protanopia

76.4426, 0.2914, 0.2978

Deuteranopia

76.0475, 0.3032, 0.2965



Tritanopia

75.6904, 0.3273, 0.3120

Trichromacy



Original Color

75.9403, 0.3160, 0.2899

Protanomaly

76.1923, 0.2999, 0.2954

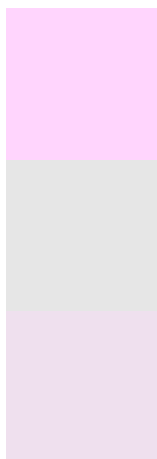
Deuteranomaly

75.7087, 0.3080, 0.2939

Tritanomaly

75.7748, 0.3233, 0.3042

Monochromacy



Original Color

75.9403, 0.3160, 0.2899

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.8351, 0.3141, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9403, 0.3160, 0.2899 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, 213, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 253)  
}
```

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, 213, 253) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 75.9403, 0.3160, 0.2899 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, 213, 253) }
```

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

```
.border{ border-color:rgb(255, 213, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 253)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 75.9403, 0.3160, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(255,  
213, 253) }
```

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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