

Converting Colors

$Y_{xy}(77.1929, 0.3156, 0.2919)$

Have a look what the booklet for
Yxy(77.1929, 0.3156, 0.2919)
contains.

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Color

Yxy(76.9527, 0.3159, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7FD
RGB	255, 215, 253
RGB Percent	100%, 84%, 99%
CMY	0.0000, 0.1569, 0.0078
CMYK	0.00, 0.16, 0.01, 0.00
HSL	303°, 100%, 92%
HSV	303°, 16%, 100%
XYZ	83.2797, 76.9527, 103.3945
YIQ	231.2920, 11.6420, 20.2980

Conversions

Conversions Part 2

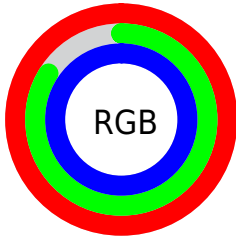
Format	Color
R _Y B	255, 215, 253
Decimal	16766973
CIE Lab	90.30, 20.26, -13.31
CIE LCh	90, 24.240, 326.707
Yxy	76.9527, 0.3159, 0.2919
Android (android.graphics.Color)	4294957053 (0xFFFFD7FD)
YUV	231.2920, 10.7020, 20.7919
Hunter-Lab	87.7227, 15.9447, -8.4764

Details

The Yxy color **76.9527, 0.3159, 0.2919** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9751, 0.3096, 0.3691**, and the grayscale version is **80.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1329, 0.3167, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **64.8787, 0.3181, 0.2678**, and if you desaturate by 10%, it is **91.0441, 0.3138, 0.3158**.

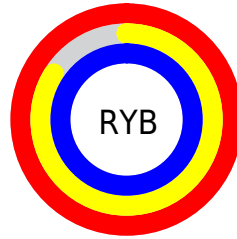
Distribution



Red (100%)

Green (84%)

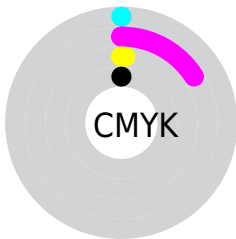
Blue (99%)



Red (100%)

Yellow (84%)

Blue (99%)

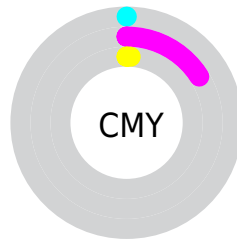


Cyan (0%)

Magenta (16%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9527, 0.3159, 0.2919 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 76.9527, 0.3159, 0.2919 by changing the saturation by 10% instead.

 76.9527, 0.3159,
0.2919

 76.9527, 0.3159,
0.2919


484.6027, 0.3147,
0.3084

 57.2141, 0.3161,
0.2883


129.0727, 0.3155,
0.2975

 41.1771, 0.3164,
0.2839

162.2229, 0.3154,
0.2997

 28.4575, 0.3167,
0.2785


200.6123, 0.3152,
0.3016

 18.6708, 0.3170,
0.2716

244.6254, 0.3151,
0.3033

 11.4327, 0.3173,
0.2625

294.6467, 0.3150,
0.3048

 6.3586, 0.3176,
0.2500

351.0604, 0.3149,

 3.0644, 0.3177,

0.3061

0.2320

414.2509, 0.3148,
0.3073

■ 1.1654, 0.3169,
0.2036

■ 0.0332, 0.3449,
0.0218

■ 76.9527, 0.3159,
0.2919

■ 76.9527, 0.3159,
0.2919

■ 64.8787, 0.3181,
0.2678

■ 91.0441, 0.3138,
0.3158

■ 54.7392, 0.3205,
0.2442

100.0000, 0.3127,
0.3290

■ 46.4298, 0.3229,
0.2220

■ 39.8406, 0.3253,
0.2023

■ 34.8497, 0.3276,
0.1859

■ 31.3196, 0.3298,
0.1736

■ 29.0893, 0.3317,
0.1657

■ 27.9596, 0.3334,
0.1621

■ 27.6874, 0.3341,
0.1614

Harmonies

Analogous

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



76.9527, 0.2879, 0.2823



76.9527, 0.3159, 0.2919



76.9527, 0.3441, 0.3103

Triad

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



76.9527, 0.3159, 0.2919



76.9527, 0.3591, 0.3744



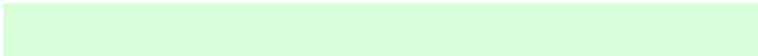
76.9527, 0.2637, 0.3208

Complementary

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



76.9527, 0.3159, 0.2919



90.9751, 0.3096, 0.3691

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.



76.9527, 0.2812, 0.3482



76.9527, 0.3159, 0.2919



76.9527, 0.3361, 0.3801

Square

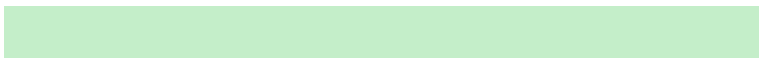
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9527, 0.3159, 0.2919



76.9527, 0.3696, 0.3569



76.9527, 0.3075, 0.3706



76.9527, 0.2588, 0.2975

Rectangle

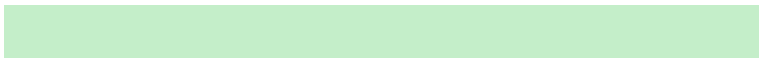
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9527, 0.3159, 0.2919



76.9527, 0.3589, 0.3256



76.9527, 0.3075, 0.3706



76.9527, 0.2683, 0.3299

Sweetspot

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



76.9492, 0.3159, 0.2919



92.0923, 0.3137, 0.3174



70.4658, 0.2880, 0.2868



19.4828, 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.



76.9492, 0.3159, 0.2919



72.7332, 0.3166, 0.2839



75.7783, 0.3291, 0.3104



18.2838, 0.3146, 0.3067



14.4741, 0.3338, 0.1613



1.4139, 0.3322, 0.1604

Inverse Universe

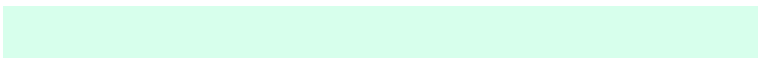
The Inverse Universe completely reimagines the original color for something new.



76.9492, 0.3159, 0.2919



72.7332, 0.3166, 0.2839



92.0413, 0.2989, 0.3483



18.2838, 0.3146, 0.3067



14.4741, 0.3338, 0.1613



1.4139, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 76.9527, 0.3159, 0.2919 looks on a white background.

Color Contrast Check

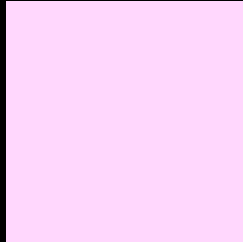
Large Text (above 18pt) WCAG AA × Fail

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 76.9527, 0.3159, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

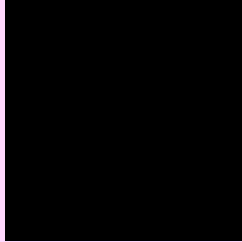
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9527, 0.3159, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 76.9527, 0.3159, 0.2919.



This preview shows how white text looks on a background with the Yxy color 76.9527, 0.3159, 0.2919.

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

76.9527, 0.3159, 0.2919

Protanopia

77.3007, 0.2927, 0.2990

Deuteranopia

76.9183, 0.3045, 0.2977



Tritanopia

76.8364, 0.3257, 0.3120

Trichromacy



Original Color

76.9527, 0.3159, 0.2919

Protanomaly

77.0605, 0.3012, 0.2966

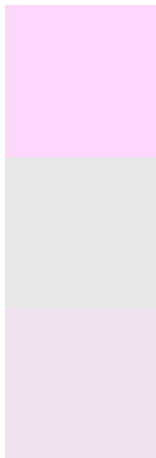
Deuteranomaly

76.9244, 0.3087, 0.2960

Tritanomaly

76.9192, 0.3217, 0.3042

Monochromacy



Original Color

76.9527, 0.3159, 0.2919

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.6077, 0.3141, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9527, 0.3159, 0.2919 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, 215, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 253) }
```

Border

The CSS property to change the border of an element to Yxy 76.9527, 0.3159, 0.2919 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, 215, 253) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9527, 0.3159, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 253) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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