

Converting Colors

$Y_{xy}(100.0000, 0.3921, 0.2974)$

Have a look what the booklet for
Yxy(100.0000, 0.3921, 0.2974)
contains.

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Color

Yxy(74.3815, 0.3168, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2FC
RGB	255, 210, 252
RGB Percent	100%, 82%, 99%
CMY	0.0001, 0.1764, 0.0118
CMYK	0.00, 0.18, 0.01, 0.00
HSL	304°, 100%, 91%
HSV	304°, 18%, 100%
XYZ	81.8481, 74.3815, 102.1292
YIQ	228.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

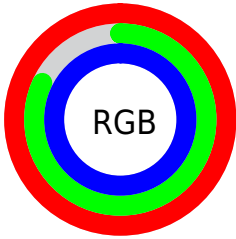
Format	Color
R _Y B	255, 210, 252
Decimal	16765692
CIE Lab	89.10, 22.66, -14.57
CIE LCh	89, 26.941, 327.274
Yxy	74.3815, 0.3168, 0.2879
Android (android.graphics.Color)	4294955772 (0xFFFFD2FC)
YUV	228.2430, 11.7122, 23.4659
Hunter-Lab	86.2447, 18.4721, -9.8387

Details

The Yxy color **74.3815, 0.3168, 0.2879** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.0113, 0.3088, 0.3739**, and the grayscale version is **77.6758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3886, 0.3179, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **62.6736, 0.3194, 0.2642**, and if you desaturate by 10%, it is **88.1026, 0.3144, 0.3115**.

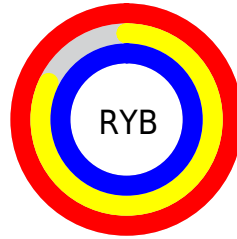
Distribution



Red (100%)

Green (82%)

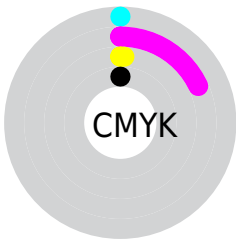
Blue (99%)



Red (100%)

Yellow (82%)

Blue (99%)

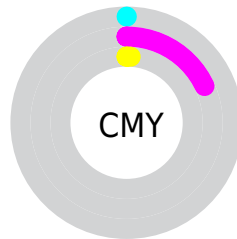


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3815, 0.3168, 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 74.3815, 0.3168, 0.2879 by changing the saturation by 10% instead.


 74.3815, 0.3168,
0.2879

 74.3815, 0.3168,
0.2879

475.7890, 0.3152,
0.3062

 55.1063, 0.3171,
0.2839

125.4365, 0.3163,
0.2941

 39.4869, 0.3174,
0.2790


157.9851, 0.3161,
0.2966

 27.1387, 0.3178,
0.2730


195.7269, 0.3159,
0.2987

 17.6774, 0.3183,
0.2653

239.0464, 0.3157,
0.3006

 10.7186, 0.3187,
0.2551

288.3280, 0.3156,
0.3022

 5.8780, 0.3192,
0.2412

343.9560, 0.3154,

 2.7710, 0.3194,

0.3037

0.2210

406.3149, 0.3153,
0.3050

■ 1.0134, 0.3184,
0.1894

■ 0.0000, 0.3352,
0.0000

■ 74.3815, 0.3168,
0.2879

■ 74.3815, 0.3168,
0.2879

■ 62.6736, 0.3194,
0.2642

■ 88.1026, 0.3144,
0.3115

■ 52.8743, 0.3222,
0.2411

99.9949, 0.3127,
0.3290

■ 44.8845, 0.3251,
0.2196

■ 38.5923, 0.3280,
0.2006

■ 33.8731, 0.3309,
0.1851

■ 30.5856, 0.3336,
0.1738

■ 28.5631, 0.3360,
0.1670

■ 27.5858, 0.3382,
0.1642

■ 27.4311, 0.3387,
0.1639

Harmonies

Analogous

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



74.3815, 0.2854, 0.2770



74.3815, 0.3168, 0.2879



74.3815, 0.3486, 0.3084

Triad

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



74.3815, 0.3168, 0.2879



74.3815, 0.3644, 0.3801



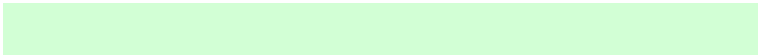
74.3815, 0.2576, 0.3190

Complementary

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



74.3815, 0.3168, 0.2879



90.0113, 0.3088, 0.3739

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.



74.3815, 0.2769, 0.3500



74.3815, 0.3168, 0.2879



74.3815, 0.3382, 0.3866

Square

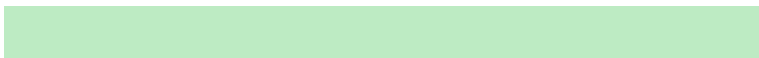
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3815, 0.3168, 0.2879



74.3815, 0.3767, 0.3604



74.3815, 0.3061, 0.3757



74.3815, 0.2525, 0.2931

Rectangle

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



74.3815, 0.3168, 0.2879



74.3815, 0.3651, 0.3255



74.3815, 0.3061, 0.3757



74.3815, 0.2626, 0.3293

Sweetspot

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



74.3847, 0.3168, 0.2879



92.0788, 0.3138, 0.3176



67.3571, 0.2851, 0.2810



19.4795, 0.3140, 0.3160



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.



74.3847, 0.3168, 0.2879



70.2366, 0.3177, 0.2799



73.0842, 0.3321, 0.3088



18.2783, 0.3148, 0.3071



14.3457, 0.3383, 0.1637



1.4028, 0.3361, 0.1625

Inverse Universe

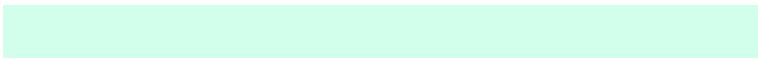
The Inverse Universe completely reimagines the original color for something new.



74.3847, 0.3168, 0.2879



70.2366, 0.3177, 0.2799



91.1905, 0.2968, 0.3502



18.2783, 0.3148, 0.3071



14.3457, 0.3383, 0.1637



1.4028, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 74.3815, 0.3168, 0.2879 looks on a white background.

Color Contrast Check

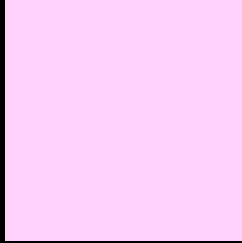
Large Text (above 18pt) WCAG AA × Fail

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 74.3815, 0.3168, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

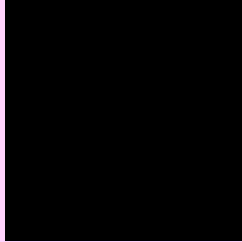
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3815, 0.3168, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 74.3815, 0.3168, 0.2879.



This preview shows how white text looks on a background with the Yxy color 74.3815, 0.3168, 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

74.3815, 0.3168, 0.2879

Protanopia

74.9008, 0.2894, 0.2955

Deuteranopia

74.5374, 0.3031, 0.2962



Tritanopia

74.5018, 0.3296, 0.3129

Trichromacy



Original Color

74.3815, 0.3168, 0.2879



Protanomaly

74.2875, 0.2985, 0.2921



Deuteranomaly

74.4432, 0.3080, 0.2928



Tritanomaly

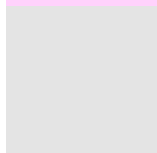
74.6442, 0.3248, 0.3041

Monochromacy



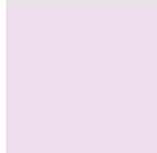
Original Color

74.3815, 0.3168, 0.2879



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

76.0045, 0.3142, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3815, 0.3168, 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(255, 210, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 252)  
}
```

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, 210, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 252) }
```

Border

The CSS property to change the border of an element to Yxy 74.3815, 0.3168, 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(255, 210, 252) }
```

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

```
.border{ border-color:rgb(255, 210, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3815, 0.3168, 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(255, 210, 252) }
```

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

```
.background{ background-color: rgb(255,  
210, 252) }
```

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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