

Converting Colors

$Y_{xy}(70.9199, 0.3175, 0.2813)$

Have a look what the booklet for
Yxy(70.9199, 0.3175, 0.2813)
contains.

Yxy(70.9369, 0.3179, 0.2818)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.9369, 0.3179, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBFB
RGB	255, 203, 251
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.2040, 0.0156
CMYK	0.00, 0.20, 0.02, 0.00
HSL	305°, 100%, 90%
HSV	305°, 20%, 100%
XYZ	80.0243, 70.9369, 100.7666
YIQ	224.0200, 15.5840, 25.9520

Conversions

Conversions Part 2

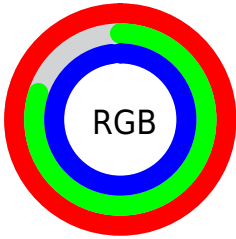
Format	Color
R _Y B	255, 203, 251
Decimal	16763899
CIE Lab	87.45, 26.21, -16.53
CIE LCh	87, 30.988, 327.757
Yxy	70.9369, 0.3179, 0.2818
Android (android.graphics.Color)	4294953979 (0xFFFFCBFB)
YUV	224.0200, 13.3011, 27.1695
Hunter-Lab	84.2240, 22.2071, -11.9784

Details

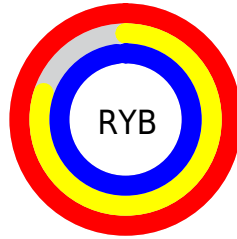
The Yxy color $70.9369, 0.3179, 0.2818$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.7169, 0.3079, 0.3812$, and the grayscale version is $74.4459, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.3957, 0.3192, 0.2727$ is the 20% darker color. If you saturate the color by 10%, you get $59.7409, 0.3208, 0.2584$, and if you desaturate by 10%, it is $84.1040, 0.3152, 0.3053$.

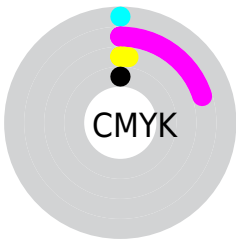
Distribution



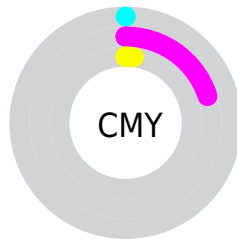
- Red (100%)
- Green (80%)
- Blue (98%)



- Red (100%)
- Yellow (80%)
- Blue (98%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9369, 0.3179, 0.2818 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 70.9369, 0.3179, 0.2818 by changing the saturation by 10% instead.


 70.9369, 0.3179,
0.2818

 70.9369, 0.3179,
0.2818


463.8328, 0.3159,
0.3029

 52.2907, 0.3183,
0.2772


120.5439, 0.3173,
0.2890

 37.2368, 0.3187,
0.2715


152.2734, 0.3170,
0.2918

 25.3909, 0.3192,
0.2646


189.1329, 0.3168,
0.2942

 16.3685, 0.3198,
0.2557

231.5067, 0.3165,
0.2964

 9.7853, 0.3203,
0.2439

279.7792, 0.3163,
0.2983

 5.2568, 0.3208,
0.2279


334.3348, 0.3162,


 2.3987, 0.3209,


0.3000


0.2046

395.5579, 0.3160,
0.3015


 0.8252, 0.3195,
0.1680

 0.0000, 0.3046,
0.0000

 70.9369, 0.3179,
0.2818


 70.9369, 0.3179,
0.2818

 59.7409, 0.3208,
0.2584


 84.1040, 0.3152,
0.3053

 50.4355, 0.3239,
0.2358

99.3486, 0.3128,
0.3281

 42.9104, 0.3271,
0.2150

100.0000, 0.3127,
0.3290

 37.0505, 0.3303,
0.1970

■ 32.7272, 0.3335,
0.1828

■ 29.7932, 0.3364,
0.1728

■ 28.0721, 0.3391,
0.1672

■ 27.2899, 0.3415,
0.1655

Harmonies

Analogous

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



70.9369, 0.2813, 0.2690



70.9369, 0.3179, 0.2818



70.9369, 0.3551, 0.3055

Triad

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



70.9369, 0.3179, 0.2818



70.9369, 0.3725, 0.3887



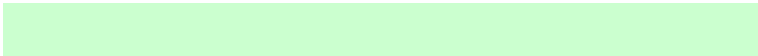
70.9369, 0.2486, 0.3164

Complementary

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



70.9369, 0.3179, 0.2818



88.7169, 0.3079, 0.3812

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.



70.9369, 0.2704, 0.3530



70.9369, 0.3179, 0.2818



70.9369, 0.3416, 0.3967

Square

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



70.9369, 0.3179, 0.2818



70.9369, 0.3875, 0.3655



70.9369, 0.3041, 0.3838



70.9369, 0.2431, 0.2864

Rectangle

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



70.9369, 0.3179, 0.2818



70.9369, 0.3744, 0.3250



70.9369, 0.3041, 0.3838



70.9369, 0.2542, 0.3284

Sweetspot

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



70.9315, 0.3179, 0.2818



90.5487, 0.3141, 0.3154



63.1110, 0.2807, 0.2727



19.1708, 0.3143, 0.3139



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.



70.9315, 0.3179, 0.2818



66.6775, 0.3189, 0.2733



69.4293, 0.3364, 0.3063



18.2751, 0.3150, 0.3073



14.2696, 0.3411, 0.1653



1.3962, 0.3385, 0.1639

Inverse Universe

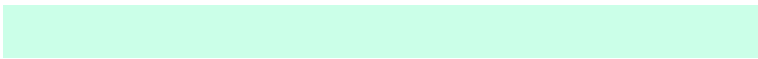
The Inverse Universe completely reimagines the original color for something new.



70.9315, 0.3179, 0.2818



66.6775, 0.3189, 0.2733



90.0667, 0.2939, 0.3529



18.2751, 0.3150, 0.3073



14.2696, 0.3411, 0.1653



1.3962, 0.3385, 0.1639

Previews

White Background



This preview shows how the Yxy color 70.9369, 0.3179, 0.2818 looks on a white background.

Color Contrast Check

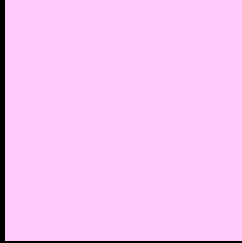
Large Text (above 18pt) WCAG AA × Fail

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 70.9369, 0.3179, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

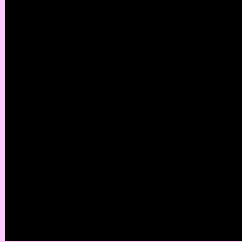
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9369, 0.3179, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 70.9369, 0.3179, 0.2818.



This preview shows how white text looks on a background with the Yxy color 70.9369, 0.3179, 0.2818.

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

70.9369, 0.3179, 0.2818

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

71.2636, 0.2989, 0.2925



Tritanopia

71.0028, 0.3339, 0.3127

Trichromacy



Original Color

70.9369, 0.3179, 0.2818

Protanomaly

71.2382, 0.2964, 0.2866

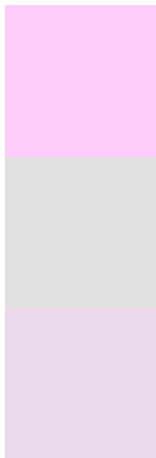
Deuteranomaly

70.9998, 0.3053, 0.2881

Tritanomaly

70.7786, 0.3275, 0.3008

Monochromacy



Original Color

70.9369, 0.3179, 0.2818

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

72.7144, 0.3143, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9369, 0.3179, 0.2818 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, 203, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 251)  
}
```

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, 203, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 251) }
```

Border

The CSS property to change the border of an element to Yxy 70.9369, 0.3179, 0.2818 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, 203, 251) }
```

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

```
.border{ border-color:rgb(255, 203, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9369, 0.3179, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 251) }
```

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

```
.background{ background-color: rgb(255,  
203, 251) }
```

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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