

Converting Colors

$Y_{xy}(70.0149, 0.3119, 0.2769)$

Have a look what the booklet for
Yxy(70.0149, 0.3119, 0.2769)
contains.

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Color

Yxy(69.9703, 0.3122, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	FBCAFF
RGB	251, 202, 255
RGB Percent	98%, 79%, 100%
CMY	0.0158, 0.2078, 0.0000
CMYK	0.02, 0.21, 0.00, 0.00
HSL	295°, 100%, 90%
HSV	295°, 21%, 100%
XYZ	78.9473, 69.9703, 103.9566
YIQ	222.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

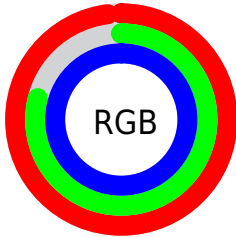
Format	Color
R _Y B	251, 202, 255
Decimal	16501503
CIE Lab	86.98, 26.12, -19.38
CIE LCh	87, 32.522, 323.420
Yxy	69.9703, 0.3122, 0.2767
Android (android.graphics.Color)	4294691583 (0xFFFBCAFF)
YUV	222.6930, 15.9274, 24.8252
Hunter-Lab	83.6483, 22.0841, -15.1308

Details

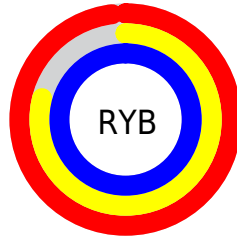
The Yxy color **69.9703, 0.3122, 0.2767** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.9129, 0.3125, 0.3865**, and the grayscale version is **73.4415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7264, 0.3118, 0.2661** is the 20% darker color. If you saturate the color by 10%, you get **58.6198, 0.3116, 0.2511**, and if you desaturate by 10%, it is **83.3069, 0.3126, 0.3023**.

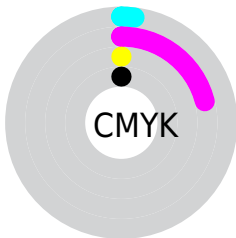
Distribution



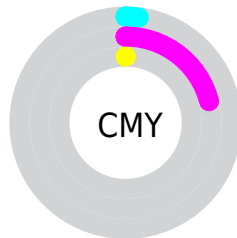
- Red (98%)
- Green (79%)
- Blue (100%)



- Red (98%)
- Yellow (79%)
- Blue (100%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9703, 0.3122, 0.2767 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 69.9703, 0.3122, 0.2767 by changing the saturation by 10% instead.

 69.9703, 0.3122,
0.2767

 69.9703, 0.3122,
0.2767


460.4457, 0.3129,
0.3000

 51.5023, 0.3120,
0.2716

119.1664, 0.3125,
0.2846

 36.6085, 0.3116,
0.2654


150.6633, 0.3126,
0.2877

 24.9045, 0.3111,
0.2577


187.2720, 0.3127,
0.2905

 16.0060, 0.3104,
0.2479

229.3768, 0.3127,
0.2928

 9.5284, 0.3091,
0.2350

277.3622, 0.3128,
0.2949

 5.0874, 0.3071,
0.2175


331.6126, 0.3128,


 2.2986, 0.3031,


0.2968

0.1923


392.5123, 0.3128,
0.2985

 0.7730, 0.2947,
0.1527


 0.0000, 0.2440,
0.0000


 69.9703, 0.3122,
0.2767


 69.9703, 0.3122,
0.2767


 58.6198, 0.3116,
0.2511


 83.3069, 0.3126,
0.3023

 49.1504, 0.3108,
0.2263

 98.7121, 0.3127,
0.3271

 41.4596, 0.3098,
0.2033

 100.0000, 0.3127,
0.3290

 35.4317, 0.3084,
0.1832

■ 30.9377, 0.3069,
0.1668

■ 27.8291, 0.3052,
0.1548

■ 25.9285, 0.3033,
0.1472

■ 24.9883, 0.3015,
0.1435

Harmonies

Analogous

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



69.9703, 0.2747, 0.2652



69.9703, 0.3122, 0.2767



69.9703, 0.3522, 0.3001

Triad

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



69.9703, 0.3122, 0.2767



69.9703, 0.3791, 0.3890



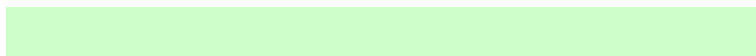
69.9703, 0.2476, 0.3210

Complementary

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



69.9703, 0.3122, 0.2767



88.9129, 0.3125, 0.3865

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.



69.9703, 0.2726, 0.3598



69.9703, 0.3122, 0.2767



69.9703, 0.3484, 0.4005

Square

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



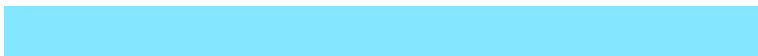
69.9703, 0.3122, 0.2767



69.9703, 0.3920, 0.3628



69.9703, 0.3093, 0.3903



69.9703, 0.2392, 0.2878

Rectangle

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



69.9703, 0.3122, 0.2767



69.9703, 0.3740, 0.3201



69.9703, 0.3093, 0.3903



69.9703, 0.2542, 0.3339

Sweetspot

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



69.9729, 0.3122, 0.2767



90.4038, 0.3126, 0.3143



64.1294, 0.2780, 0.2761



19.1364, 0.3126, 0.3127



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.



69.9729, 0.3122, 0.2767



64.9435, 0.3120, 0.2659



69.3874, 0.3310, 0.2980



18.2260, 0.3126, 0.3055



13.0865, 0.3019, 0.1437



1.2942, 0.3042, 0.1449

Inverse Universe

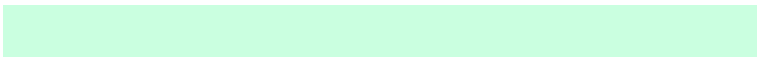
The Inverse Universe completely reimagines the original color for something new.



67.9669, 0.3515, 0.3250



62.6206, 0.3618, 0.3241



89.4656, 0.2979, 0.3622



18.0095, 0.3282, 0.3272



11.1420, 0.6322, 0.3256



1.0922, 0.6150, 0.3161

Previews

White Background



This preview shows how the Yxy color 69.9703, 0.3122, 0.2767 looks on a white background.

Color Contrast Check

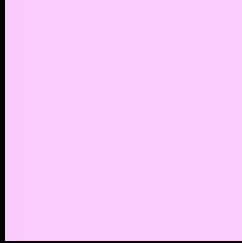
Large Text (above 18pt) WCAG AA × Fail

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 69.9703, 0.3122, 0.2767 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 69.9703, 0.3122, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 69.9703, 0.3122, 0.2767.

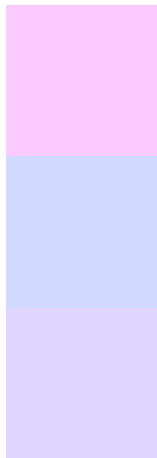


This preview shows how white text looks on a background with the Yxy color 69.9703, 0.3122, 0.2767.

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

69.9703, 0.3122, 0.2767

Protanopia

70.5473, 0.2840, 0.2885

Deuteranopia

70.3683, 0.2936, 0.2872



Tritanopia

70.0864, 0.3301, 0.3125

Trichromacy



Original Color

69.9703, 0.3122, 0.2767



Protanomaly

70.3145, 0.2937, 0.2843



Deuteranomaly

70.0803, 0.2999, 0.2829



Tritanomaly

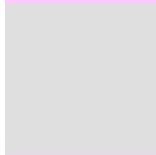
70.0972, 0.3238, 0.2995

Monochromacy



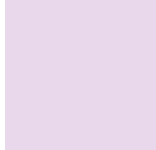
Original Color

69.9703, 0.3122, 0.2767



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

71.9227, 0.3123, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9703, 0.3122, 0.2767 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(251, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 202, 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(251, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.9703, 0.3122, 0.2767 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(251, 202, 255) }
```

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

```
.border{ border-color:rgb(251, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9703, 0.3122, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 202, 255) }
```

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

```
.background{ background-color: rgb(251,  
202, 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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