

Converting Colors

$Y_{xy}(73.4250, 0.2644, 0.2151)$

Have a look what the booklet for
Yxy(73.4250, 0.2644, 0.2151)
contains.

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Color

Yxy(67.9410, 0.3079, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	F5C8FF
RGB	245, 200, 255
RGB Percent	96%, 78%, 100%
CMY	0.0394, 0.2156, 0.0001
CMYK	0.04, 0.22, 0.00, 0.00
HSL	289°, 100%, 89%
HSV	289°, 22%, 100%
XYZ	76.3468, 67.9410, 103.6720
YIQ	219.7250, 9.1650, 26.6450

Conversions

Conversions Part 2

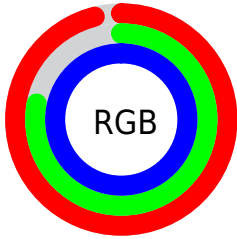
Format	Color
R _Y B	245, 200, 255
Decimal	16107775
CIE Lab	85.98, 25.23, -20.93
CIE LCh	86, 32.786, 320.317
Yxy	67.9410, 0.3079, 0.2740
Android (android.graphics.Color)	4294297855 (0xFFFF5C8FF)
YUV	219.7250, 17.3906, 22.1662
Hunter-Lab	82.4263, 21.0884, -16.8738

Details

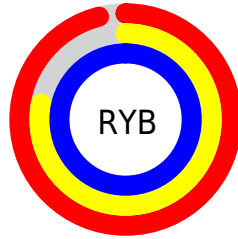
The Yxy color $67.9410, 0.3079, 0.2740$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.3787, 0.3161, 0.3882$, and the grayscale version is $71.2398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.3264, 0.3062, 0.2624$ is the 20% darker color. If you saturate the color by 10%, you get $56.2758, 0.3049, 0.2475$, and if you desaturate by 10%, it is $81.6024, 0.3104, 0.3001$.

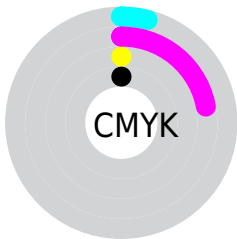
Distribution



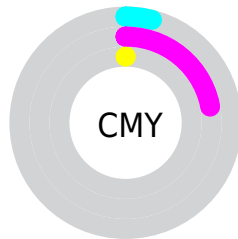
- Red (96%)
- Green (78%)
- Blue (100%)



- Red (96%)
- Yellow (78%)
- Blue (100%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9410, 0.3079, 0.2740 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 67.9410, 0.3079, 0.2740 by changing the saturation by 10% instead.

 67.9410, 0.3079,
0.2740

 67.9410, 0.3079,
0.2740


453.2869, 0.3106,
0.2986

 49.8497, 0.3072,
0.2686


116.2677, 0.3089,
0.2824

 35.2940, 0.3063,
0.2620


147.2720, 0.3093,
0.2857

 23.8894, 0.3050,
0.2538


183.3494, 0.3096,
0.2885

 15.2516, 0.3033,
0.2434

224.8843, 0.3099,
0.2911

 8.9962, 0.3007,
0.2297

272.2611, 0.3101,
0.2933

 4.7387, 0.2967,
0.2110


325.8642, 0.3103,


 2.0948, 0.2896,


0.2952


0.1840


386.0780, 0.3104,
0.2970

 0.6617, 0.2766,
0.1395


 0.0000, 0.1644,
0.0000


 67.9410, 0.3079,
0.2740


 67.9410, 0.3079,
0.2740


 56.2758, 0.3049,
0.2475


 81.6024, 0.3104,
0.3001

 46.5003, 0.3013,
0.2214

 97.3421, 0.3124,
0.3252

 38.5113, 0.2973,
0.1969

 99.9981, 0.3127,
0.3290

 32.1923, 0.2929,
0.1749

■ 27.4127, 0.2881,
0.1566

■ 24.0223, 0.2833,
0.1426

■ 21.8405, 0.2784,
0.1333

■ 20.7062, 0.2743,
0.1285

Harmonies

Analogous

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



67.9410, 0.2706, 0.2637



67.9410, 0.3079, 0.2740



67.9410, 0.3489, 0.2967

Triad

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



67.9410, 0.3079, 0.2740



67.9410, 0.3826, 0.3878



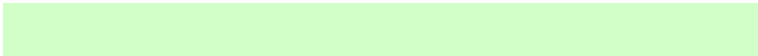
67.9410, 0.2483, 0.3248

Complementary

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



67.9410, 0.3079, 0.2740



89.3787, 0.3161, 0.3882

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.



67.9410, 0.2753, 0.3642



67.9410, 0.3079, 0.2740



67.9410, 0.3528, 0.4016

Square

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



67.9410, 0.3079, 0.2740



67.9410, 0.3935, 0.3601



67.9410, 0.3133, 0.3936



67.9410, 0.2380, 0.2899

Rectangle

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



67.9410, 0.3079, 0.2740



67.9410, 0.3721, 0.3166



67.9410, 0.3133, 0.3936



67.9410, 0.2557, 0.3381

Sweetspot

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



67.9439, 0.3079, 0.2740



90.0991, 0.3116, 0.3142



65.6422, 0.2770, 0.2800



19.0642, 0.3115, 0.3126



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.



67.9439, 0.3079, 0.2740



62.5278, 0.3066, 0.2622



68.7220, 0.3277, 0.2915



18.1233, 0.3109, 0.3054



10.8827, 0.2751, 0.1289



1.1011, 0.2806, 0.1319

Inverse Universe

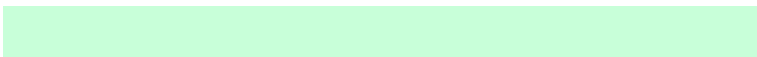
The Inverse Universe completely reimagines the original color for something new.



67.2288, 0.3487, 0.3188



61.7327, 0.3585, 0.3166



88.8158, 0.3003, 0.3697



18.0411, 0.3266, 0.3247



11.2291, 0.6125, 0.3148



1.1072, 0.5836, 0.2989

Previews

White Background



This preview shows how the Yxy color 67.9410, 0.3079, 0.2740 looks on a white background.

Color Contrast Check

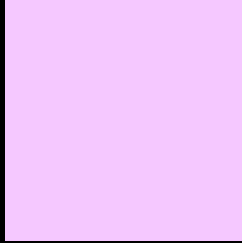
Large Text (above 18pt) WCAG AA × Fail

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 67.9410, 0.3079, 0.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

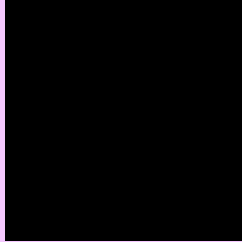
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9410, 0.3079, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 67.9410, 0.3079, 0.2740.

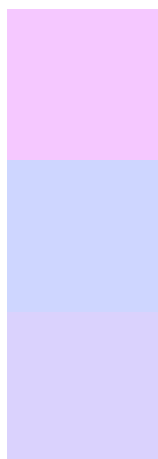


This preview shows how white text looks on a background with the Yxy color 67.9410, 0.3079, 0.2740.

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

67.9410, 0.3079, 0.2740

Protanopia

68.4349, 0.2812, 0.2849

Deuteranopia

68.0905, 0.2902, 0.2835



Tritanopia

67.9418, 0.3272, 0.3122

Trichromacy



Original Color

67.9410, 0.3079, 0.2740



Protanomaly

68.0366, 0.2902, 0.2806



Deuteranomaly

67.7924, 0.2963, 0.2792



Tritanomaly

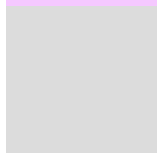
68.0035, 0.3202, 0.2980

Monochromacy



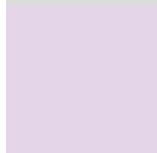
Original Color

67.9410, 0.3079, 0.2740



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

70.1297, 0.3108, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9410, 0.3079, 0.2740 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(245, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 200, 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(245, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.9410, 0.3079, 0.2740 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(245, 200, 255) }
```

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

```
.border{ border-color:rgb(245, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9410, 0.3079, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 200, 255) }
```

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

```
.background{ background-color: rgb(245,  
200, 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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