

Converting Colors

Yxy(67.5624, 0.3017, 0.2692)

Have a look what the booklet for
Yxy(67.5624, 0.3017, 0.2692)
contains.

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Color

Yxy(67.2293, 0.3050, 0.2735)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1C8FF |
| RGB | 241, 200, 255 |
| RGB Percent | 95%, 78%, 100% |
| CMY | 0.0550, 0.2156, 0.0001 |
| CMYK | 0.05, 0.22, 0.00, 0.00 |
| HSL | 285°, 100%, 89% |
| HSV | 285°, 22%, 100% |
| XYZ | 74.9723, 67.2293, 103.6093 |
| YIQ | 218.5290, 6.7810, 25.7970 |

Conversions

Conversions Part 2

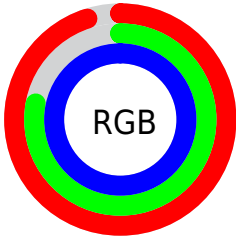
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 241, 200, 255 |
| Decimal | 15845631 |
| CIE Lab | 85.62, 23.97, -21.51 |
| CIE LCh | 86, 32.204, 318.089 |
| Yxy | 67.2293, 0.3050, 0.2735 |
| Android (android.graphics.Color) | 4294035711 (0xFFFF1C8FF) |
| YUV | 218.5290, 17.9802, 19.7071 |
| Hunter-Lab | 81.9935, 19.7264, -17.5251 |

Details

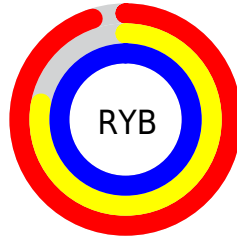
The Yxy color **67.2293, 0.3050, 0.2735** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.9703, 0.3186, 0.3878**, and the grayscale version is **70.3656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9493, 0.3033, 0.2619** is the 20% darker color. If you saturate the color by 10%, you get **55.2675, 0.3003, 0.2463**, and if you desaturate by 10%, it is **81.2069, 0.3090, 0.3000**.

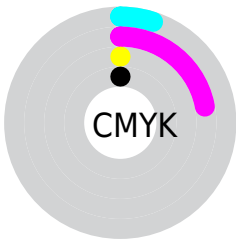
Distribution



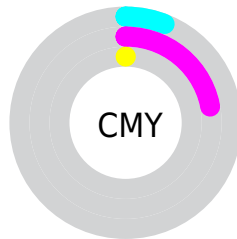
- Red (95%)
- Green (78%)
- Blue (100%)



- Red (95%)
- Yellow (78%)
- Blue (100%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2293, 0.3050, 0.2735 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 67.2293, 0.3050, 0.2735 by changing the saturation by 10% instead.

 67.2293, 0.3050,
0.2735

 67.2293, 0.3050,
0.2735


450.7605, 0.3090,
0.2984

 49.2710, 0.3040,
0.2680


115.2489, 0.3065,
0.2820

 34.8345, 0.3027,
0.2613


146.0790, 0.3070,
0.2853

 23.5354, 0.3010,
0.2530


181.9685, 0.3075,
0.2882

 14.9894, 0.2986,
0.2424

223.3018, 0.3079,
0.2908

 8.8119, 0.2952,
0.2285

270.4632, 0.3082,
0.2930

 4.6187, 0.2899,
0.2094

323.8372, 0.3085,

 2.0253, 0.2810,

0.2950

0.1819

383.8082, 0.3088,
0.2968

0.6221, 0.2652,
0.1350

0.0000, 0.1128,
0.0000

67.2293, 0.3050,
0.2735

67.2293, 0.3050,
0.2735

55.2675, 0.3003,
0.2463

81.2069, 0.3090,
0.3000

45.2149, 0.2949,
0.2194

97.2829, 0.3123,
0.3252

36.9680, 0.2889,
0.1936

99.9983, 0.3127,
0.3290

30.4100, 0.2824,
0.1702

■ 25.4100, 0.2755,
0.1503

■ 21.8175, 0.2685,
0.1349

■ 19.4516, 0.2616,
0.1242

■ 18.1760, 0.2560,
0.1184

Harmonies

Analogous

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



67.2293, 0.2689, 0.2644



67.2293, 0.3050, 0.2735



67.2293, 0.3455, 0.2951

Triad

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



67.2293, 0.3050, 0.2735



67.2293, 0.3832, 0.3853



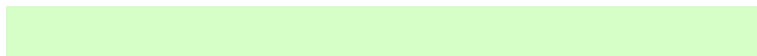
67.2293, 0.2507, 0.3278

Complementary

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



67.2293, 0.3050, 0.2735



89.9703, 0.3186, 0.3878

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.



67.2293, 0.2784, 0.3664



67.2293, 0.3050, 0.2735



67.2293, 0.3549, 0.4002

Square

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



67.2293, 0.3050, 0.2735



67.2293, 0.3923, 0.3574



67.2293, 0.3163, 0.3940



67.2293, 0.2392, 0.2927

Rectangle

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



67.2293, 0.3050, 0.2735



67.2293, 0.3690, 0.3145



67.2293, 0.3163, 0.3940



67.2293, 0.2583, 0.3409

Sweetspot

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



67.2322, 0.3050, 0.2735



89.8926, 0.3109, 0.3142



67.9330, 0.2774, 0.2852



19.0153, 0.3107, 0.3125



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.



67.2322, 0.3050, 0.2735



61.6853, 0.3030, 0.2615



68.9903, 0.3244, 0.2871



18.0540, 0.3097, 0.3053



9.5745, 0.2571, 0.1190



0.9842, 0.2647, 0.1232

Inverse Universe

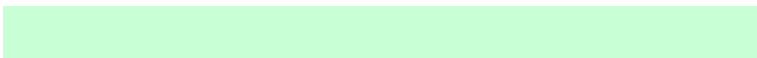
The Inverse Universe completely reimagines the original color for something new.



67.4256, 0.3456, 0.3148



61.9618, 0.3545, 0.3117



88.5803, 0.3028, 0.3748



18.0629, 0.3254, 0.3230



11.3278, 0.5921, 0.3036



1.1197, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 67.2293, 0.3050, 0.2735 looks on a white background.

Color Contrast Check

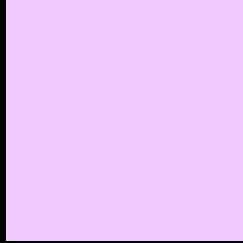
Large Text (above 18pt) WCAG AA × Fail

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 67.2293, 0.3050, 0.2735 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

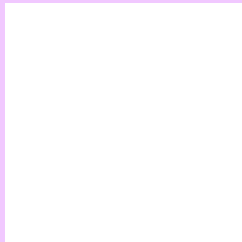
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2293, 0.3050, 0.2735

Background



This preview shows how black text looks on a background with the Yxy color 67.2293, 0.3050, 0.2735.

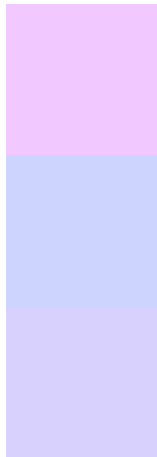


This preview shows how white text looks on a background with the Yxy color 67.2293, 0.3050, 0.2735.

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

67.2293, 0.3050, 0.2735

Protanopia

67.7876, 0.2805, 0.2837

Deuteranopia

67.2917, 0.2888, 0.2822



Tritanopia

67.2494, 0.3241, 0.3121

Trichromacy



Original Color

67.2293, 0.3050, 0.2735

Protanomaly

67.2372, 0.2888, 0.2794

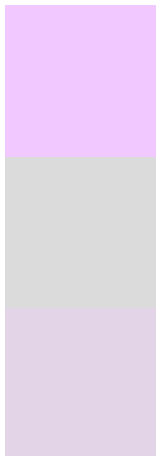
Deuteranomaly

67.3059, 0.2942, 0.2789

Tritanomaly

67.3034, 0.3172, 0.2977

Monochromacy



Original Color

67.2293, 0.3050, 0.2735

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.2441, 0.3101, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2293, 0.3050, 0.2735 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(241, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.2293, 0.3050, 0.2735 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(241, 200, 255) }
```

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

```
.border{ border-color:rgb(241, 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(241, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2293, 0.3050, 0.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 200, 255) }
```

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

```
.background{ background-color: rgb(241,  
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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