

Converting Colors

$Y_{xy}(63.8890, 0.3057, 0.2670)$

Have a look what the booklet for
Yxy(63.8890, 0.3057, 0.2670)
contains.

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Color

Yxy(63.9965, 0.3058, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	F1C1FE
RGB	241, 193, 254
RGB Percent	95%, 76%, 100%
CMY	0.0548, 0.2432, 0.0039
CMYK	0.05, 0.24, 0.00, 0.00
HSL	287°, 97%, 88%
HSV	287°, 24%, 100%
XYZ	73.2415, 63.9965, 102.2699
YIQ	214.3060, 9.0270, 29.1470

Conversions

Conversions Part 2

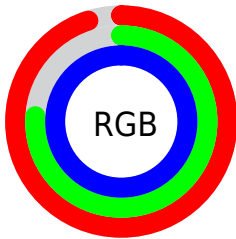
Format	Color
R _Y B	241, 193, 254
Decimal	15843838
CIE _{Lab}	83.96, 27.52, -23.51
CIE _{LCh}	84, 36.197, 319.487
Yxy	63.9965, 0.3058, 0.2672
Android (android.graphics.Color)	4294033918 (0xFFFF1C1FE)
YUV	214.3060, 19.5691, 23.4106
Hunter-Lab	79.9978, 23.4284, -19.7984

Details

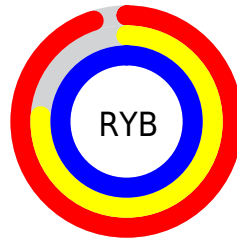
The Yxy color $63.9965, 0.3058, 0.2672$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.8636, 0.3176, 0.3956$, and the grayscale version is $67.3260, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $32.6868, 0.3033, 0.2537$ is the 20% darker color. If you saturate the color by 10%, you get $52.7788, 0.3019, 0.2404$, and if you desaturate by 10%, it is $77.1766, 0.3091, 0.2937$.

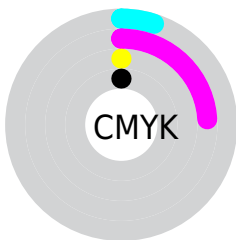
Distribution



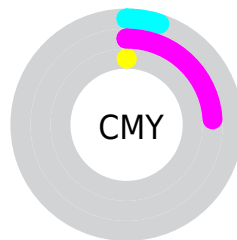
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9965, 0.3058, 0.2672 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 63.9965, 0.3058, 0.2672 by changing the saturation by 10% instead.


 63.9965, 0.3058,
0.2672

 63.9965, 0.3058,
0.2672


439.1770, 0.3096,
0.2950

 46.6478, 0.3048,
0.2611


 110.6059, 0.3072,
0.2767

 32.7573, 0.3035,
0.2536


140.6354, 0.3077,
0.2804

 21.9406, 0.3018,
0.2443


175.6607, 0.3082,
0.2836

 13.8133, 0.2994,
0.2325

216.0661, 0.3086,
0.2865

 7.9909, 0.2958,
0.2169

262.2360, 0.3089,
0.2890

 4.0891, 0.2902,
0.1957

314.5549, 0.3091,

 1.7235, 0.2804,

0.2912

0.1652

373.4071, 0.3094,
0.2932

0.4388, 0.2652,
0.1045

0.0000, 0.0385,
0.0000

63.9965, 0.3058,
0.2672

63.9965, 0.3058,
0.2672

52.7788, 0.3019,
0.2404

77.1766, 0.3091,
0.2937

43.4166, 0.2975,
0.2142

92.4026, 0.3118,
0.3191

35.8049, 0.2925,
0.1896

99.9367, 0.3133,
0.3299

29.8253, 0.2870,
0.1679

■ 25.3439, 0.2813,
0.1499

■ 22.2060, 0.2755,
0.1364

■ 20.2218, 0.2698,
0.1277

■ 19.4252, 0.2665,
0.1242

Harmonies

Analogous

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



63.9965, 0.2645, 0.2561



63.9965, 0.3058, 0.2672



63.9965, 0.3521, 0.2920

Triad

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



63.9965, 0.3058, 0.2672



63.9965, 0.3918, 0.3939



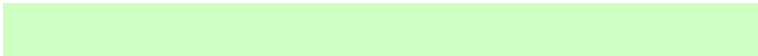
63.9965, 0.2412, 0.3251

Complementary

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



63.9965, 0.3058, 0.2672



87.8636, 0.3176, 0.3956

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.



63.9965, 0.2716, 0.3701



63.9965, 0.3058, 0.2672



63.9965, 0.3585, 0.4108

Square

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



63.9965, 0.3058, 0.2672



63.9965, 0.4038, 0.3622



63.9965, 0.3143, 0.4031



63.9965, 0.2294, 0.2856

Rectangle

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



63.9965, 0.3058, 0.2672



63.9965, 0.3787, 0.3138



63.9965, 0.3143, 0.4031



63.9965, 0.2495, 0.3402

Sweetspot

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



63.9992, 0.3058, 0.2672



88.4214, 0.3110, 0.3117



62.7407, 0.2727, 0.2759



18.7227, 0.3109, 0.3102



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.



63.9992, 0.3058, 0.2672



58.6827, 0.3039, 0.2538



65.3102, 0.3283, 0.2851



18.0937, 0.3104, 0.3053



10.3063, 0.2674, 0.1247



1.0499, 0.2738, 0.1282

Inverse Universe

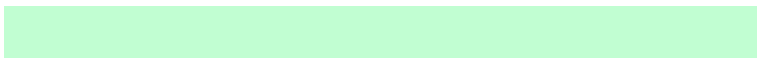
The Inverse Universe completely reimagines the original color for something new.



63.6676, 0.3525, 0.3157



58.3501, 0.3636, 0.3128



86.8974, 0.3001, 0.3773



18.0504, 0.3261, 0.3240



11.2670, 0.6045, 0.3104



1.1122, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 63.9965, 0.3058, 0.2672 looks on a white background.

Color Contrast Check

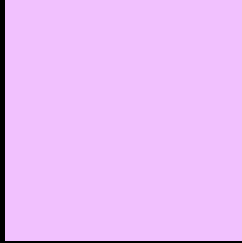
Large Text (above 18pt) WCAG AA × Fail

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 63.9965, 0.3058, 0.2672 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 63.9965, 0.3058, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 63.9965, 0.3058, 0.2672.

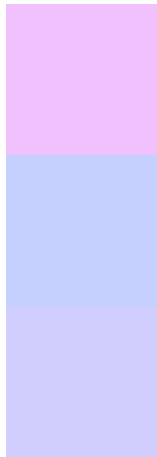


This preview shows how white text looks on a background with the Yxy color 63.9965, 0.3058, 0.2672.

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

63.9965, 0.3058, 0.2672

Protanopia

64.3375, 0.2755, 0.2774

Deuteranopia

64.2462, 0.2844, 0.2782



Tritanopia

63.9286, 0.3283, 0.3119

Trichromacy



Original Color

63.9965, 0.3058, 0.2672



Protanomaly

64.2280, 0.2859, 0.2735



Deuteranomaly

64.2373, 0.2920, 0.2741



Tritanomaly

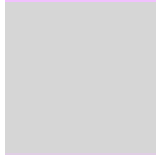
63.6502, 0.3198, 0.2942

Monochromacy



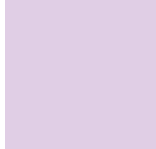
Original Color

63.9965, 0.3058, 0.2672



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6470, 0.3102, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9965, 0.3058, 0.2672 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, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 254)  
}
```

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, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 254) }
```

Border

The CSS property to change the border of an element to Yxy 63.9965, 0.3058, 0.2672 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, 193, 254) }
```

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

```
.border{ border-color:rgb(241, 193, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9965, 0.3058, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 254) }
```

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

```
.background{ background-color: rgb(241,  
193, 254) }
```

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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