

Converting Colors

$Y_{xy}(63.5322, 0.3066, 0.2645)$

Have a look what the booklet for
Yxy(63.5322, 0.3066, 0.2645)
contains.

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Color

Yxy(63.5363, 0.3066, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	F3BFFF
RGB	243, 191, 255
RGB Percent	95%, 75%, 100%
CMY	0.0470, 0.2510, 0.0000
CMYK	0.05, 0.25, 0.00, 0.00
HSL	289°, 100%, 87%
HSV	289°, 25%, 100%
XYZ	73.6493, 63.5363, 103.0273
YIQ	213.8440, 10.4480, 30.9280

Conversions

Conversions Part 2

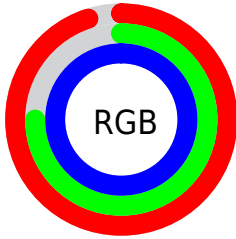
Format	Color
R _Y B	243, 191, 255
Decimal	15974399
CIE Lab	83.72, 29.40, -24.41
CIE LCh	84, 38.216, 320.300
Yxy	63.5363, 0.3066, 0.2645
Android (android.graphics.Color)	4294164479 (0xFFFF3BFFF)
YUV	213.8440, 20.2899, 25.5698
Hunter-Lab	79.7097, 25.4366, -20.8375

Details

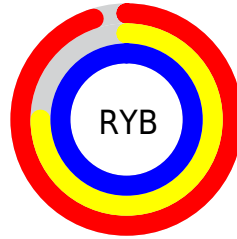
The Yxy color **63.5363, 0.3066, 0.2645** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.9771, 0.3167, 0.3992**, and the grayscale version is **66.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **32.4076, 0.3044, 0.2504** is the 20% darker color. If you saturate the color by 10%, you get **52.5263, 0.3033, 0.2380**, and if you desaturate by 10%, it is **76.5042, 0.3094, 0.2909**.

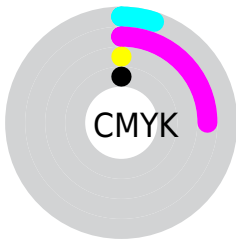
Distribution



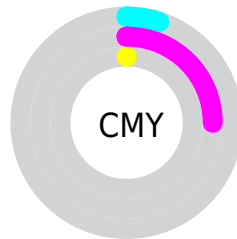
- Red (95%)
- Green (75%)
- Blue (100%)



- Red (95%)
- Yellow (75%)
- Blue (100%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5363, 0.3066, 0.2645 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 63.5363, 0.3066, 0.2645 by changing the saturation by 10% instead.


 63.5363, 0.3066,
0.2645

 63.5363, 0.3066,
0.2645


437.5132, 0.3101,
0.2934

 46.2752, 0.3057,
0.2581


 109.9429, 0.3079,
0.2744

 32.4630, 0.3044,
0.2504


139.8571, 0.3084,
0.2782

 21.7154, 0.3028,
0.2408


174.7579, 0.3088,
0.2816

 13.6479, 0.3004,
0.2285

215.0296, 0.3091,
0.2846

 7.8762, 0.2970,
0.2125

261.0565, 0.3094,
0.2872

 4.0158, 0.2914,
0.1906

313.2232, 0.3097,

 1.6824, 0.2817,

0.2895

0.1595

371.9140, 0.3099,
0.2916

0.4122, 0.2671,
0.0967

0.0000, 0.0570,
0.0000

63.5363, 0.3066,
0.2645

63.5363, 0.3066,
0.2645

52.5263, 0.3033,
0.2380

76.5042, 0.3094,
0.2909

43.3742, 0.2994,
0.2123

91.5237, 0.3117,
0.3165

35.9703, 0.2951,
0.1884

100.0000, 0.3127,
0.3290

30.1935, 0.2904,
0.1676

■ 25.9071, 0.2854,
0.1506

■ 22.9516, 0.2804,
0.1382

■ 21.1306, 0.2754,
0.1304

■ 20.5150, 0.2730,
0.1277

Harmonies

Analogous

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



63.5363, 0.2627, 0.2524



63.5363, 0.3066, 0.2645



63.5363, 0.3556, 0.2908

Triad

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



63.5363, 0.3066, 0.2645



63.5363, 0.3956, 0.3980



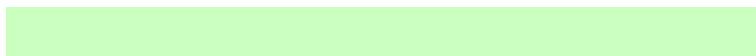
63.5363, 0.2367, 0.3233

Complementary

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



63.5363, 0.3066, 0.2645



87.9771, 0.3167, 0.3992

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.



63.5363, 0.2681, 0.3714



63.5363, 0.3066, 0.2645



63.5363, 0.3597, 0.4158

Square

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



63.5363, 0.3066, 0.2645



63.5363, 0.4091, 0.3647



63.5363, 0.3129, 0.4071



63.5363, 0.2249, 0.2820

Rectangle

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



63.5363, 0.3066, 0.2645



63.5363, 0.3836, 0.3138



63.5363, 0.3129, 0.4071



63.5363, 0.2451, 0.3394

Sweetspot

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



63.5361, 0.3066, 0.2645



86.9499, 0.3111, 0.3092



61.3860, 0.2706, 0.2720



18.1182, 0.3108, 0.3054



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.



63.5361, 0.3066, 0.2645



57.9014, 0.3051, 0.2515



64.5651, 0.3299, 0.2841



18.1182, 0.3108, 0.3054



10.7812, 0.2738, 0.1282



1.0921, 0.2794, 0.1313

Inverse Universe

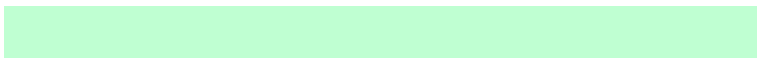
The Inverse Universe completely reimagines the original color for something new.



62.8322, 0.3561, 0.3167



57.1432, 0.3677, 0.3142



87.2591, 0.2990, 0.3786



18.0427, 0.3265, 0.3246



11.2352, 0.6112, 0.3141



1.1080, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 63.5363, 0.3066, 0.2645 looks on a white background.

Color Contrast Check

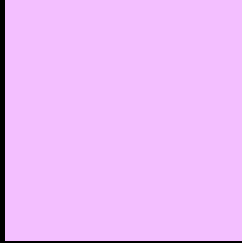
Large Text (above 18pt) WCAG AA × Fail

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 63.5363, 0.3066, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

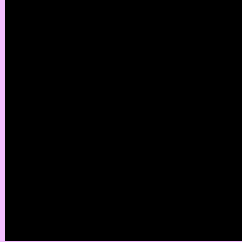
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5363, 0.3066, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 63.5363, 0.3066, 0.2645.

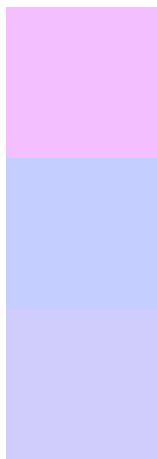


This preview shows how white text looks on a background with the Yxy color 63.5363, 0.3066, 0.2645.

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

63.5363, 0.3066, 0.2645

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.6239, 0.2837, 0.2769



Tritanopia

63.7064, 0.3315, 0.3130

Trichromacy



Original Color

63.5363, 0.3066, 0.2645



Protanomaly

63.2894, 0.2858, 0.2713



Deuteranomaly

63.3108, 0.2919, 0.2719



Tritanomaly

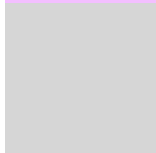
63.4877, 0.3221, 0.2943

Monochromacy



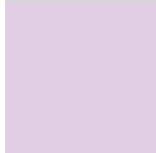
Original Color

63.5363, 0.3066, 0.2645



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.8073, 0.3109, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5363, 0.3066, 0.2645 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(243, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 191, 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(243, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.5363, 0.3066, 0.2645 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(243, 191, 255) }
```

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

```
.border{ border-color:rgb(243, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5363, 0.3066, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 191, 255) }
```

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

```
.background{ background-color: rgb(243,  
191, 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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