

Converting Colors

Yxy(66.3504, 0.2655, 0.2049)

Have a look what the booklet for
Yxy(66.3504, 0.2655, 0.2049)
contains.

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Color

Yxy(61.3304, 0.3083, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	F5B9FF
RGB	245, 185, 255
RGB Percent	96%, 73%, 100%
CMY	0.0391, 0.2745, 0.0000
CMYK	0.04, 0.27, 0.00, 0.00
HSL	291°, 100%, 86%
HSV	291°, 27%, 100%
XYZ	73.0609, 61.3304, 102.5886
YIQ	210.9200, 13.2900, 34.4900

Conversions

Conversions Part 2

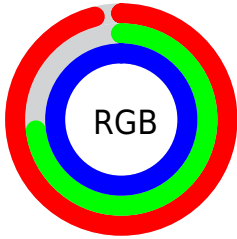
Format	Color
R _Y B	245, 185, 255
Decimal	16103935
CIE Lab	82.56, 33.21, -26.15
CIE LCh	83, 42.267, 321.788
Yxy	61.3304, 0.3083, 0.2588
Android (android.graphics.Color)	4294294015 (0xFF5B9FF)
YUV	210.9200, 21.7314, 29.8882
Hunter-Lab	78.3137, 29.4782, -22.8485

Details

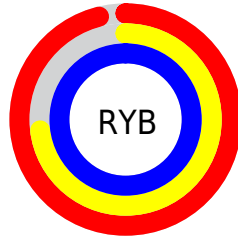
The Yxy color **61.3304, 0.3083, 0.2588** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.6154, 0.3150, 0.4072**, and the grayscale version is **64.9357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **31.0012, 0.3065, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **50.9576, 0.3059, 0.2329**, and if you desaturate by 10%, it is **73.6344, 0.3102, 0.2850**.

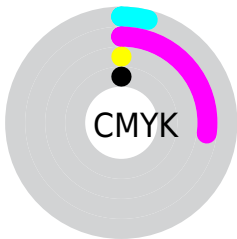
Distribution



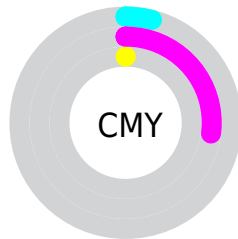
- Red (96%)
- Green (73%)
- Blue (100%)



- Red (96%)
- Yellow (73%)
- Blue (100%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3304, 0.3083, 0.2588 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 61.3304, 0.3083, 0.2588 by changing the saturation by 10% instead.

 61.3304, 0.3083,
0.2588

 61.3304, 0.3083,
0.2588


429.4844, 0.3111,
0.2903

 44.4919, 0.3075,
0.2519


 106.7572, 0.3094,
0.2695

 31.0574, 0.3064,
0.2435


136.1142, 0.3098,
0.2737

 20.6425, 0.3049,
0.2330


170.4129, 0.3101,
0.2774

 12.8630, 0.3027,
0.2198

210.0376, 0.3104,
0.2806

 7.3343, 0.2993,
0.2025

255.3727, 0.3106,
0.2835

 3.6720, 0.2939,
0.1790


306.8026, 0.3108,


 1.4918, 0.2839,

0.2860


0.1459

364.7117, 0.3110,
0.2882


 0.2830, 0.2716,
0.0697

 0.0000, 0.0287,
0.0000

 61.3304, 0.3083,
0.2588


 61.3304, 0.3083,
0.2588

 50.9576, 0.3059,
0.2329


 73.6344, 0.3102,
0.2850

 42.4057, 0.3032,
0.2082

 87.9564, 0.3118,
0.3106

 35.5655, 0.3000,
0.1858

99.9996, 0.3127,
0.3290

 30.3127, 0.2966,
0.1667

■ 26.5061, 0.2929,
0.1517

■ 23.9796, 0.2892,
0.1413

■ 22.5164, 0.2854,
0.1353

■ 22.2316, 0.2845,
0.1341

Harmonies

Analogous

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



61.3304, 0.2591, 0.2445



61.3304, 0.3083, 0.2588



61.3304, 0.3632, 0.2883

Triad

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



61.3304, 0.3083, 0.2588



61.3304, 0.4034, 0.4068



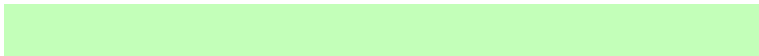
61.3304, 0.2271, 0.3195

Complementary

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



61.3304, 0.3083, 0.2588



86.6154, 0.3150, 0.4072

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.



61.3304, 0.2605, 0.3741



61.3304, 0.3083, 0.2588



61.3304, 0.3622, 0.4266

Square

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



61.3304, 0.3083, 0.2588



61.3304, 0.4205, 0.3698



61.3304, 0.3097, 0.4160



61.3304, 0.2155, 0.2743

Rectangle

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



61.3304, 0.3083, 0.2588



61.3304, 0.3941, 0.3138



61.3304, 0.3097, 0.4160



61.3304, 0.2359, 0.3376

Sweetspot

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



61.3330, 0.3083, 0.2588



87.1212, 0.3117, 0.3092



56.7857, 0.2658, 0.2617



18.1616, 0.3115, 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.



61.3330, 0.3083, 0.2588



55.3473, 0.3070, 0.2443



61.6957, 0.3347, 0.2831



18.1616, 0.3115, 0.3054



11.6674, 0.2851, 0.1344



1.1704, 0.2894, 0.1368

Inverse Universe

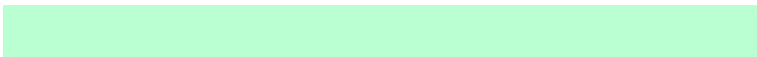
The Inverse Universe completely reimagines the original color for something new.



59.8931, 0.3642, 0.3188



53.7410, 0.3788, 0.3166



86.4576, 0.2959, 0.3799



18.0292, 0.3272, 0.3256



11.1890, 0.6214, 0.3197



1.1015, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 61.3304, 0.3083, 0.2588 looks on a white background.

Color Contrast Check

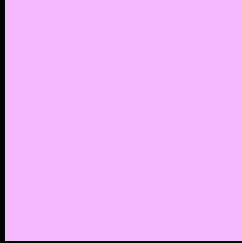
Large Text (above 18pt) WCAG AA × Fail

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 61.3304, 0.3083, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

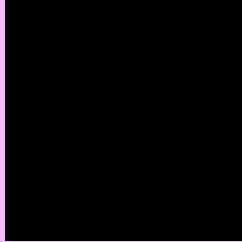
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3304, 0.3083, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 61.3304, 0.3083, 0.2588.



This preview shows how white text looks on a background with the Yxy color 61.3304, 0.3083, 0.2588.

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

61.3304, 0.3083, 0.2588

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.4981, 0.2801, 0.2731



Tritanopia

61.3642, 0.3369, 0.3129

Trichromacy



Original Color

61.3304, 0.3083, 0.2588



Protanomaly

61.1496, 0.2842, 0.2667



Deuteranomaly

61.0275, 0.2897, 0.2672



Tritanomaly

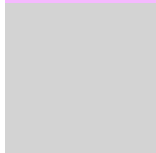
61.4534, 0.3264, 0.2922

Monochromacy



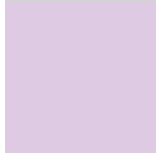
Original Color

61.3304, 0.3083, 0.2588



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.4751, 0.3110, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3304, 0.3083, 0.2588 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, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 185, 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, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.3304, 0.3083, 0.2588 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, 185, 255) }
```

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

```
.border{ border-color:rgb(245, 185, 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, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3304, 0.3083, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 185, 255) }
```

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

```
.background{ background-color: rgb(245,  
185, 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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