

Converting Colors

$Yxy(65.1867, 0.2922, 0.2431)$

Have a look what the booklet for
Yxy(65.1867, 0.2922, 0.2431)
contains.

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Color

Yxy(63.4594, 0.3082, 0.2638)

Conversions

Conversions Part 1

Format	Color
Hex	F5BEFF
RGB	245, 190, 255
RGB Percent	96%, 75%, 100%
CMY	0.0389, 0.2550, 0.0000
CMYK	0.04, 0.26, 0.00, 0.00
HSL	291°, 100%, 87%
HSV	291°, 26%, 100%
XYZ	74.1402, 63.4594, 102.9591
YIQ	213.8550, 11.9150, 31.8750

Conversions

Conversions Part 2

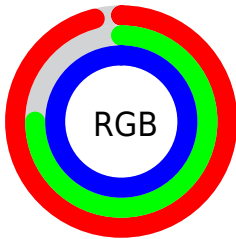
Format	Color
R _Y B	245, 190, 255
Decimal	16105215
CIE _{Lab}	83.68, 30.60, -24.44
CIE _{LCh}	84, 39.157, 321.385
Y _{xy}	63.4594, 0.3082, 0.2638
Android (android.graphics.Color)	4294295295 (0xFFFF5BEFF)
YUV	213.8550, 20.2845, 27.3142
Hunter-Lab	79.6614, 26.7210, -20.8669

Details

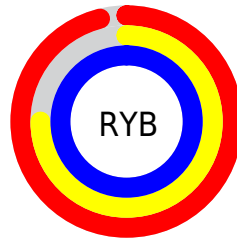
The Yxy color $63.4594, 0.3082, 0.2638$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.5018, 0.3154, 0.4008$, and the grayscale version is $67.0016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $32.3769, 0.3064, 0.2496$ is the 20% darker color. If you saturate the color by 10%, you get $52.6736, 0.3057, 0.2377$, and if you desaturate by 10%, it is $76.1959, 0.3103, 0.2900$.

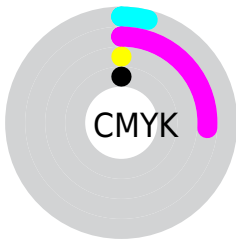
Distribution



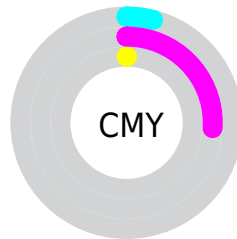
- Red (96%)
- Green (75%)
- Blue (100%)



- Red (96%)
- Yellow (75%)
- Blue (100%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4594, 0.3082, 0.2638 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 63.4594, 0.3082, 0.2638 by changing the saturation by 10% instead.


 63.4594, 0.3082,
0.2638

 63.4594, 0.3082,
0.2638


437.2348, 0.3110,
0.2930

 46.2130, 0.3074,
0.2574


 109.8320, 0.3093,
0.2737

 32.4139, 0.3064,
0.2496


139.7270, 0.3097,
0.2777

 21.6778, 0.3050,
0.2399


174.6069, 0.3100,
0.2811

 13.6204, 0.3030,
0.2275

214.8562, 0.3102,
0.2840

 7.8571, 0.2999,
0.2114

260.8592, 0.3105,
0.2867

 4.0037, 0.2950,
0.1894


313.0004, 0.3106,


 1.6756, 0.2861,


0.2890

0.1582

371.6642, 0.3108,
0.2911


 0.4078, 0.2730,
0.0952

 0.0000, 0.0799,
0.0000


 63.4594, 0.3082,
0.2638


 63.4594, 0.3082,
0.2638

 52.6736, 0.3057,
0.2377

 76.1959, 0.3103,
0.2900

 43.7322, 0.3027,
0.2125

 90.9709, 0.3120,
0.3155

 36.5270, 0.2994,
0.1894

100.0000, 0.3127,
0.3290

 30.9367, 0.2957,
0.1693

■ 26.8236, 0.2917,
0.1533

■ 24.0274, 0.2877,
0.1418

■ 22.3498, 0.2837,
0.1348

■ 21.8312, 0.2819,
0.1326

Harmonies

Analogous

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



63.4594, 0.2629, 0.2508



63.4594, 0.3082, 0.2638



63.4594, 0.3584, 0.2911

Triad

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



63.4594, 0.3082, 0.2638



63.4594, 0.3966, 0.4006



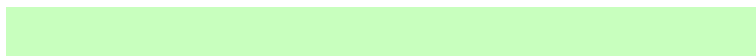
63.4594, 0.2341, 0.3214

Complementary

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



63.4594, 0.3082, 0.2638



87.5018, 0.3154, 0.4008

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.



63.4594, 0.2655, 0.3708



63.4594, 0.3082, 0.2638



63.4594, 0.3591, 0.4182

Square

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



63.4594, 0.3082, 0.2638



63.4594, 0.4115, 0.3667



63.4594, 0.3110, 0.4084



63.4594, 0.2229, 0.2795

Rectangle

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



63.4594, 0.3082, 0.2638



63.4594, 0.3867, 0.3148



63.4594, 0.3110, 0.4084



63.4594, 0.2425, 0.3378

Sweetspot

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



63.4613, 0.3082, 0.2638



87.0821, 0.3116, 0.3092



59.8489, 0.2696, 0.2684



18.1517, 0.3113, 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.



63.4613, 0.3082, 0.2638



57.2942, 0.3069, 0.2494



63.9770, 0.3319, 0.2854



18.1517, 0.3113, 0.3054



11.4603, 0.2825, 0.1330



1.1522, 0.2871, 0.1355

Inverse Universe

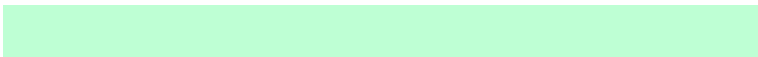
The Inverse Universe completely reimagines the original color for something new.



62.2406, 0.3589, 0.3188



55.9226, 0.3726, 0.3165



87.1994, 0.2976, 0.3770



18.0323, 0.3270, 0.3254



11.1985, 0.6193, 0.3185



1.1029, 0.5921, 0.3036

Previews

White Background



This preview shows how the Yxy color 63.4594, 0.3082, 0.2638 looks on a white background.

Color Contrast Check

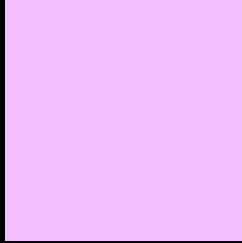
Large Text (above 18pt) WCAG AA × Fail

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 63.4594, 0.3082, 0.2638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

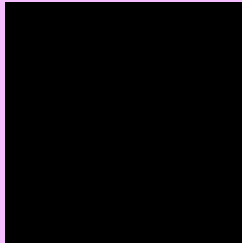
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4594, 0.3082, 0.2638

Background



This preview shows how black text looks on a background with the Yxy color 63.4594, 0.3082, 0.2638.



This preview shows how white text looks on a background with the Yxy color 63.4594, 0.3082, 0.2638.

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

63.4594, 0.3082, 0.2638

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.6239, 0.2837, 0.2769



Tritanopia

63.5430, 0.3340, 0.3130

Trichromacy



Original Color

63.4594, 0.3082, 0.2638



Protanomaly

63.2894, 0.2858, 0.2713



Deuteranomaly

63.3108, 0.2919, 0.2719



Tritanomaly

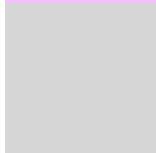
63.3324, 0.3245, 0.2945

Monochromacy



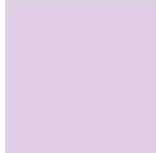
Original Color

63.4594, 0.3082, 0.2638



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.3273, 0.3109, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4594, 0.3082, 0.2638 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, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 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, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.4594, 0.3082, 0.2638 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, 190, 255) }
```

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

```
.border{ border-color:rgb(245, 190, 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, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4594, 0.3082, 0.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 255) }
```

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

```
.background{ background-color: rgb(245,  
190, 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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