

Converting Colors

$Y_{xy}(58.5290, 0.3087, 0.2595)$

Have a look what the booklet for
Yxy(58.5290, 0.3087, 0.2595)
contains.

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Color

Yxy(58.4126, 0.3089, 0.2594)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0B5F9 |
| RGB | 240, 181, 249 |
| RGB Percent | 94%, 71%, 98% |
| CMY | 0.0588, 0.2902, 0.0236 |
| CMYK | 0.04, 0.27, 0.00, 0.02 |
| HSL | 292°, 85%, 84% |
| HSV | 292°, 27%, 98% |
| XYZ | 69.5592, 58.4126, 97.2117 |
| YIQ | 206.3930, 13.3360, 33.6560 |

Conversions

Conversions Part 2

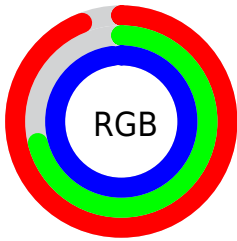
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 240, 181, 249 |
| Decimal | 15775225 |
| CIE _{Lab} | 80.97, 32.62, -25.40 |
| CIE _{LCh} | 81, 41.340, 322.097 |
| Y _{xy} | 58.4126, 0.3089, 0.2594 |
| Android (android.graphics.Color) | 4293965305 (0xFFFF0B5F9) |
| YUV | 206.3930, 21.0053, 29.4733 |
| Hunter-Lab | 76.4281, 28.7081, -21.9134 |

Details

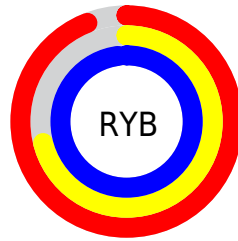
The Yxy color **58.4126, 0.3089, 0.2594** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.0157, 0.3146, 0.4067**, and the grayscale version is **61.8447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.0518, 0.3072, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **48.6093, 0.3068, 0.2336**, and if you desaturate by 10%, it is **70.0405, 0.3106, 0.2855**.

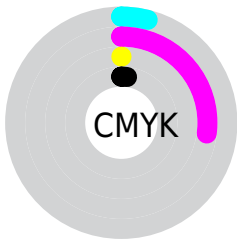
Distribution



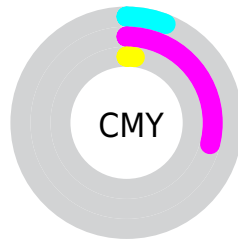
- Red (94%)
- Green (71%)
- Blue (98%)



- Red (94%)
- Yellow (71%)
- Blue (98%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)





- Cyan (6%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4126, 0.3089, 0.2594 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 58.4126, 0.3089, 0.2594 by changing the saturation by 10% instead.


 58.4126, 0.3089,
0.2594

 58.4126, 0.3089,
0.2594


418.7216, 0.3114,
0.2909

 42.1404, 0.3081,
0.2524


 102.5235, 0.3099,
0.2702

 29.2113, 0.3071,
0.2439

131.1309, 0.3103,
0.2744

 19.2407, 0.3057,
0.2332


164.6190, 0.3106,
0.2781

 11.8443, 0.3035,
0.2197

203.3720, 0.3108,
0.2813

 6.6378, 0.3002,
0.2018

247.7744, 0.3110,
0.2841

 3.2366, 0.2947,
0.1773


298.2105, 0.3112,


 1.2565, 0.2843,


0.2866


0.1424

355.0648, 0.3113,
0.2889

 0.1071, 0.2786,
0.0332


 0.0000, 0.0000,
0.0000

 58.4126, 0.3089,
0.2594


 58.4126, 0.3089,
0.2594

 48.6093, 0.3068,
0.2336


 70.0405, 0.3106,
0.2855


 40.5266, 0.3043,
0.2091

 83.5747, 0.3119,
0.3110

 34.0618, 0.3015,
0.1868

 98.6568, 0.3130,
0.3348

 29.0977, 0.2984,
0.1679

 99.2678, 0.3150,
0.3348

■ 25.5017, 0.2951,
0.1531

■ 99.6181, 0.3162,
0.3348

■ 23.1177, 0.2916,
0.1428

■ 21.7431, 0.2882,
0.1368

■ 21.4619, 0.2872,
0.1356

Harmonies

Analogous

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



58.4126, 0.2598, 0.2450



58.4126, 0.3089, 0.2594



58.4126, 0.3634, 0.2889

Triad

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



58.4126, 0.3089, 0.2594



58.4126, 0.4026, 0.4067



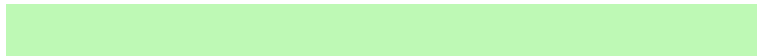
58.4126, 0.2273, 0.3191

Complementary

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



58.4126, 0.3089, 0.2594



82.0157, 0.3146, 0.4067

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.



58.4126, 0.2604, 0.3733



58.4126, 0.3089, 0.2594



58.4126, 0.3614, 0.4261

Square

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



58.4126, 0.3089, 0.2594



58.4126, 0.4198, 0.3701



58.4126, 0.3092, 0.4151



58.4126, 0.2160, 0.2743

Rectangle

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



58.4126, 0.3089, 0.2594



58.4126, 0.3940, 0.3143



58.4126, 0.3092, 0.4151



58.4126, 0.2361, 0.3370

Sweetspot

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



58.4151, 0.3089, 0.2594



87.1615, 0.3119, 0.3092



53.5173, 0.2660, 0.2609



18.1718, 0.3117, 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.



58.4151, 0.3089, 0.2594



55.5061, 0.3078, 0.2445



58.5688, 0.3354, 0.2845



17.4017, 0.3117, 0.3055



11.5356, 0.2878, 0.1359



1.0996, 0.2920, 0.1382

Inverse Universe

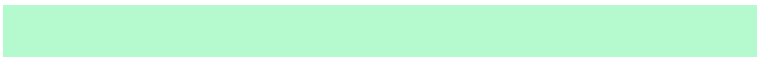
The Inverse Universe completely reimagines the original color for something new.



56.9001, 0.3644, 0.3196



53.7041, 0.3797, 0.3175



82.0140, 0.2954, 0.3782



17.2624, 0.3273, 0.3259



10.8501, 0.6233, 0.3207



1.0161, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 58.4126, 0.3089, 0.2594 looks on a white background.

Color Contrast Check

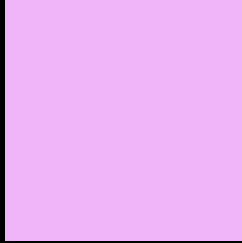
Large Text (above 18pt) WCAG AA × Fail

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 58.4126, 0.3089, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

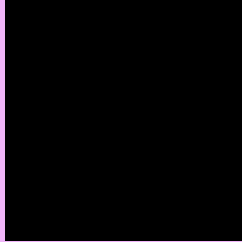
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4126, 0.3089, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 58.4126, 0.3089, 0.2594.



This preview shows how white text looks on a background with the Yxy color 58.4126, 0.3089, 0.2594.

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

58.4126, 0.3089, 0.2594

Protanopia

58.6316, 0.2675, 0.2660

Deuteranopia

58.5921, 0.2801, 0.2740



Tritanopia

58.2473, 0.3383, 0.3126

Trichromacy



Original Color

58.4126, 0.3089, 0.2594



Protanomaly

57.9129, 0.2810, 0.2623



Deuteranomaly

58.1231, 0.2898, 0.2680



Tritanomaly

58.1180, 0.3275, 0.2925

Monochromacy



Original Color

58.4126, 0.3089, 0.2594



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.1119, 0.3109, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4126, 0.3089, 0.2594 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(240, 181, 249)` looks like.

```
.text, #text, p{  
    color:rgb(240, 181, 249)  
}
```

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(240, 181, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 181, 249) }
```

Border

The CSS property to change the border of an element to Yxy 58.4126, 0.3089, 0.2594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

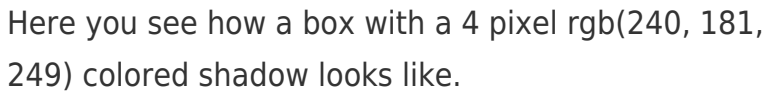
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 181, 249) }
```

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

```
.border{ border-color:rgb(240, 181, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 181, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 181, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 181, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 181,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4126, 0.3089, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 181, 249) }
```

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

```
.background{ background-color: rgb(240,  
181, 249) }
```

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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