

Converting Colors

$Y_{xy}(59.2794, 0.3268, 0.2809)$

Have a look what the booklet for
Yxy(59.2794, 0.3268, 0.2809)
contains.

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Color

Yxy(59.4066, 0.3271, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	F5B8E6
RGB	245, 184, 230
RGB Percent	96%, 72%, 90%
CMY	0.0392, 0.2784, 0.0980
CMYK	0.00, 0.25, 0.06, 0.04
HSL	315°, 75%, 84%
HSV	315°, 25%, 96%
XYZ	69.0789, 59.4066, 82.7004
YIQ	207.4830, 21.5900, 27.2380

Conversions

Conversions Part 2

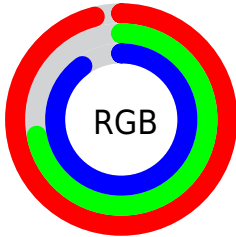
Format	Color
R _Y B	245, 184, 230
Decimal	16103654
CIE Lab	81.51, 29.22, -14.35
CIE LCh	82, 32.556, 333.846
Yxy	59.4066, 0.3271, 0.2813
Android (android.graphics.Color)	4294293734 (0xFFFF5B8E6)
YUV	207.4830, 11.1009, 32.9024
Hunter-Lab	77.0757, 25.0978, -9.6638

Details

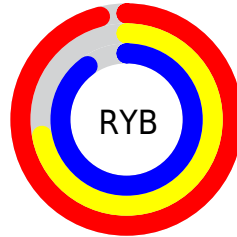
The Yxy color **59.4066, 0.3271, 0.2813** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.6138, 0.3010, 0.3820**, and the grayscale version is **62.6428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **29.7126, 0.3307, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **49.7644, 0.3345, 0.2617**, and if you desaturate by 10%, it is **70.8283, 0.3207, 0.3009**.

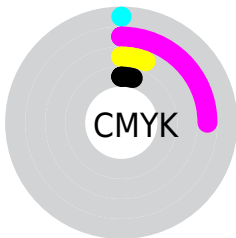
Distribution



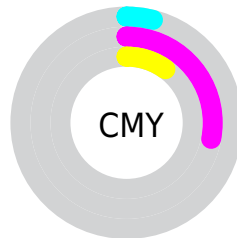
- Red (96%)
- Green (72%)
- Blue (90%)



- Red (96%)
- Yellow (72%)
- Blue (90%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (4%)




- Cyan (4%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4066, 0.3271, 0.2813 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 59.4066, 0.3271, 0.2813 by changing the saturation by 10% instead.


 59.4066, 0.3271,
0.2813

 59.4066, 0.3271,
0.2813


422.4070, 0.3206,
0.3032

 42.9405, 0.3285,
0.2763


 103.9684, 0.3249,
0.2889

 29.8384, 0.3303,
0.2702


132.8329, 0.3240,
0.2918

 19.7160, 0.3324,
0.2625


166.5990, 0.3233,
0.2944

 12.1888, 0.3352,
0.2525

205.6510, 0.3226,
0.2966

 6.8724, 0.3388,
0.2389

250.3735, 0.3220,
0.2986

 3.3824, 0.3438,
0.2197

301.1507, 0.3215,

 1.3345, 0.3508,

0.3003

0.1906

358.3671, 0.3210,
0.3019

0.1677, 0.3891,
0.0747

0.0000, 0.0000,
0.0000

59.4066, 0.3271,
0.2813

59.4066, 0.3271,
0.2813

49.7644, 0.3345,
0.2617

70.8283, 0.3207,
0.3009

41.8027, 0.3427,
0.2430

84.1059, 0.3151,
0.3200

35.4252, 0.3518,
0.2259

97.7123, 0.3105,
0.3357

30.5223, 0.3616,
0.2117

98.0919, 0.3071,
0.3299

■ 26.9706, 0.3716,
0.2014

■ 98.1510, 0.3066,
0.3290

■ 24.6265, 0.3817,
0.1956

■ 23.3134, 0.3914,
0.1947

■ 22.9068, 0.3962,
0.1956

Harmonies

Analogous

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



59.4066, 0.2853, 0.2644



59.4066, 0.3271, 0.2813



59.4066, 0.3673, 0.3091

Triad

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



59.4066, 0.3271, 0.2813



59.4066, 0.3732, 0.3988



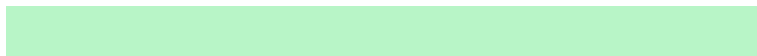
59.4066, 0.2389, 0.3068

Complementary

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



59.4066, 0.3271, 0.2813



79.6138, 0.3010, 0.3820

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.



59.4066, 0.2594, 0.3474



59.4066, 0.3271, 0.2813



59.4066, 0.3363, 0.4039

Square

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



59.4066, 0.3271, 0.2813



59.4066, 0.3944, 0.3752



59.4066, 0.2946, 0.3848



59.4066, 0.2367, 0.2764

Rectangle

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



59.4066, 0.3271, 0.2813



59.4066, 0.3865, 0.3312



59.4066, 0.2946, 0.3848



59.4066, 0.2438, 0.3197

Sweetspot

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



59.4092, 0.3271, 0.2813



88.8562, 0.3162, 0.3160



52.9142, 0.2800, 0.2600



18.8237, 0.3165, 0.3149



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.



59.4092, 0.3271, 0.2813



59.3688, 0.3308, 0.2711



57.8779, 0.3514, 0.3117



16.6947, 0.3176, 0.3113



12.3644, 0.3947, 0.1948



1.1029, 0.3835, 0.1886

Inverse Universe

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



59.4092, 0.3271, 0.2813



59.3688, 0.3308, 0.2711



81.1331, 0.2846, 0.3471



16.6947, 0.3176, 0.3113



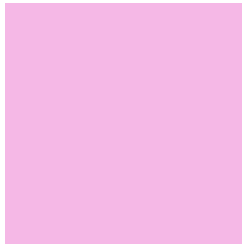
12.3644, 0.3947, 0.1948



1.1029, 0.3835, 0.1886

Previews

White Background



This preview shows how the Yxy color 59.4066, 0.3271, 0.2813 looks on a white background.

Color Contrast Check

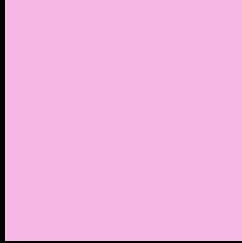
Large Text (above 18pt) WCAG AA × Fail

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 59.4066, 0.3271, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

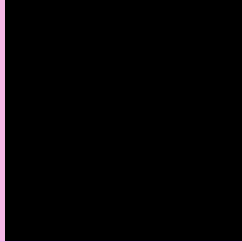
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4066, 0.3271, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 59.4066, 0.3271, 0.2813.



This preview shows how white text looks on a background with the Yxy color 59.4066, 0.3271, 0.2813.

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

59.4066, 0.3271, 0.2813

Protanopia

59.7263, 0.2814, 0.2836

Deuteranopia

59.7831, 0.3020, 0.2964



Tritanopia

59.4078, 0.3449, 0.3140

Trichromacy



Original Color

59.4066, 0.3271, 0.2813



Protanomaly

59.2908, 0.2966, 0.2826



Deuteranomaly

59.4293, 0.3106, 0.2907



Tritanomaly

59.2220, 0.3379, 0.3014

Monochromacy



Original Color

59.4066, 0.3271, 0.2813



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

61.1253, 0.3182, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4066, 0.3271, 0.2813 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, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 184, 230)  
}
```

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, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 184, 230) }
```

Border

The CSS property to change the border of an element to Yxy 59.4066, 0.3271, 0.2813 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, 184, 230) }
```

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

```
.border{ border-color:rgb(245, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 184,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4066, 0.3271, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 184, 230) }
```

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

```
.background{ background-color: rgb(245,  
184, 230) }
```

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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