

Converting Colors

$Y_{xy}(59.0702, 0.3383, 0.2805)$

Have a look what the booklet for
Yxy(59.0702, 0.3383, 0.2805)
contains.

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Color

Yxy(59.0463, 0.3382, 0.2804)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB3E3 |
| RGB | 255, 179, 227 |
| RGB Percent | 100%, 70%, 89% |
| CMY | 0.0001, 0.2980, 0.1098 |
| CMYK | 0.00, 0.30, 0.11, 0.00 |
| HSL | 322°, 100%, 85% |
| HSV | 322°, 30%, 100% |
| XYZ | 71.2178, 59.0463, 80.3148 |
| YIQ | 207.1960, 29.8880, 31.0400 |

Conversions

Conversions Part 2

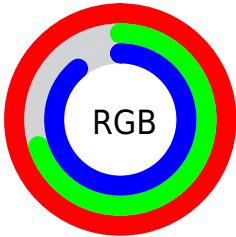
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 179, 227 |
| Decimal | 16757731 |
| CIE Lab | 81.32, 34.67, -12.92 |
| CIE LCh | 81, 36.996, 339.561 |
| Yxy | 59.0463, 0.3382, 0.2804 |
| Android (android.graphics.Color) | 4294947811 (0xFFFFB3E3) |
| YUV | 207.1960, 9.7634, 41.9241 |
| Hunter-Lab | 76.8416, 30.9633, -8.1807 |

Details

The Yxy color $59.0463, 0.3382, 0.2804$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.5945, 0.2938, 0.3833$, and the grayscale version is $62.4526, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $29.5161, 0.3435, 0.2682$ is the 20% darker color. If you saturate the color by 10%, you get $49.2502, 0.3498, 0.2638$, and if you desaturate by 10%, it is $70.7657, 0.3282, 0.2972$.

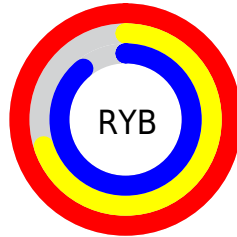
Distribution



Red (100%)

Green (70%)

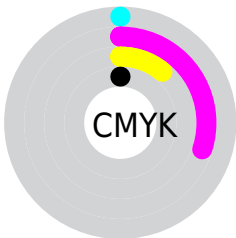
Blue (89%)



Red (100%)

Yellow (70%)

Blue (89%)

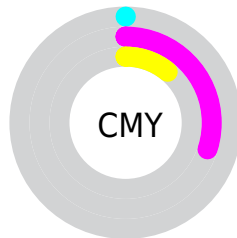


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0463, 0.3382, 0.2804 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 59.0463, 0.3382, 0.2804 by changing the saturation by 10% instead.


 59.0463, 0.3382,
0.2804

 59.0463, 0.3382,
0.2804


421.0735, 0.3264,
0.3028

 42.6504, 0.3409,
0.2753

 103.4450, 0.3341,
0.2881

 29.6109, 0.3442,
0.2691


132.2165, 0.3325,
0.2911

 19.5434, 0.3484,
0.2612


165.8820, 0.3312,
0.2937

 12.0636, 0.3538,
0.2510

204.8259, 0.3300,
0.2960

 6.7870, 0.3612,
0.2373

249.4327, 0.3289,
0.2980

 3.3293, 0.3717,
0.2178


300.0866, 0.3280,

 1.3060, 0.3879,


0.2998


0.1882

357.1720, 0.3272,
0.3013

 0.1458, 0.4506,
0.0661


 0.0000, 0.0000,
0.0000


 59.0463, 0.3382,
0.2804


 59.0463, 0.3382,
0.2804

 49.2502, 0.3498,
0.2638


 70.7657, 0.3282,
0.2972

 41.2645, 0.3631,
0.2482

 84.4969, 0.3197,
0.3136

 34.9772, 0.3780,
0.2347

99.9952, 0.3127,
0.3290

 30.2600, 0.3940,
0.2245

■ 26.9666, 0.4108,
0.2186

■ 24.9225, 0.4275,
0.2178

■ 23.8492, 0.4438,
0.2219

■ 23.8306, 0.4441,
0.2220

Harmonies

Analogous

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



59.0463, 0.2898, 0.2588



59.0463, 0.3382, 0.2804



59.0463, 0.3821, 0.3131

Triad

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



59.0463, 0.3382, 0.2804



59.0463, 0.3740, 0.4113



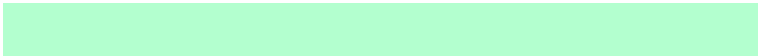
59.0463, 0.2274, 0.2955

Complementary

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



59.0463, 0.3382, 0.2804



85.5945, 0.2938, 0.3833

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.



59.0463, 0.2464, 0.3406



59.0463, 0.3382, 0.2804



59.0463, 0.3300, 0.4129

Square

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



59.0463, 0.3382, 0.2804



59.0463, 0.4027, 0.3869



59.0463, 0.2833, 0.3861



59.0463, 0.2290, 0.2647

Rectangle

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



59.0463, 0.3382, 0.2804



59.0463, 0.4012, 0.3382



59.0463, 0.2833, 0.3861



59.0463, 0.2314, 0.3094

Sweetspot

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



59.0490, 0.3382, 0.2804



85.6888, 0.3191, 0.3149



52.7128, 0.2795, 0.2461



17.8805, 0.3202, 0.3126



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.



59.0490, 0.3382, 0.2804



52.7560, 0.3452, 0.2700



57.1835, 0.3708, 0.3186



18.1802, 0.3195, 0.3141



12.4846, 0.4415, 0.2206



1.2367, 0.4241, 0.2110

Inverse Universe

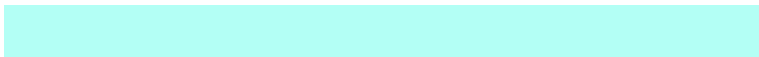
The Inverse Universe completely reimagines the original color for something new.



59.0490, 0.3382, 0.2804



52.7560, 0.3452, 0.2700



87.6730, 0.2745, 0.3399



18.1802, 0.3195, 0.3141



12.4846, 0.4415, 0.2206



1.2367, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 59.0463, 0.3382, 0.2804 looks on a white background.

Color Contrast Check

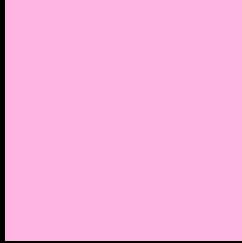
Large Text (above 18pt) WCAG AA × Fail

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 59.0463, 0.3382, 0.2804 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 59.0463, 0.3382, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 59.0463, 0.3382, 0.2804.

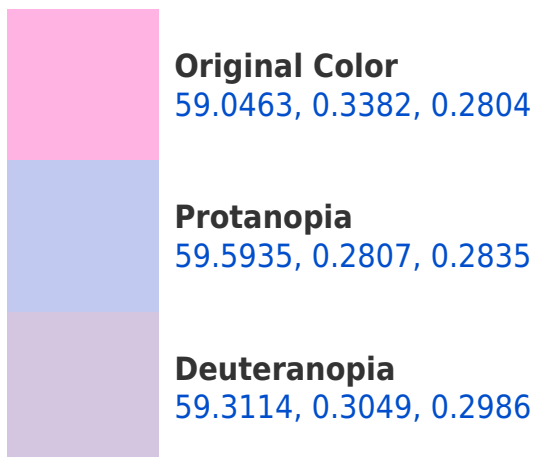


This preview shows how white text looks on a background with the Yxy color 59.0463, 0.3382, 0.2804.

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





Tritanopia

58.8674, 0.3585, 0.3144

Trichromacy



Original Color

59.0463, 0.3382, 0.2804



Protanomaly

58.7950, 0.2996, 0.2817



Deuteranomaly

58.7571, 0.3169, 0.2909



Tritanomaly

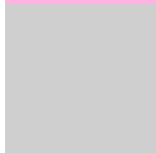
58.7548, 0.3503, 0.3010

Monochromacy



Original Color

59.0463, 0.3382, 0.2804



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.6348, 0.3215, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0463, 0.3382, 0.2804 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(255, 179, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 227)  
}
```

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(255, 179, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 227) }
```

Border

The CSS property to change the border of an element to Yxy 59.0463, 0.3382, 0.2804 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(255, 179, 227) }
```

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

```
.border{ border-color:rgb(255, 179, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0463, 0.3382, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 227) }
```

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

```
.background{ background-color: rgb(255,  
179, 227) }
```

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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