

Converting Colors

$Y_{xy}(58.6509, 0.3412, 0.2833)$

Have a look what the booklet for
Yxy(58.6509, 0.3412, 0.2833)
contains.

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Color

Yxy(58.8279, 0.3415, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3DF
RGB	255, 179, 223
RGB Percent	100%, 70%, 87%
CMY	0.0002, 0.2979, 0.1256
CMYK	0.00, 0.30, 0.13, 0.00
HSL	325°, 100%, 85%
HSV	325°, 30%, 100%
XYZ	70.6638, 58.8279, 77.4302
YIQ	206.7400, 31.1720, 29.7960

Conversions

Conversions Part 2

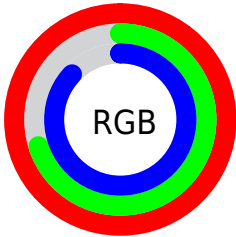
Format	Color
R_{YB}	255, 179, 223
Decimal	16757727
CIE _{Lab}	81.20, 34.00, -10.94
CIE _{LCh}	81, 35.719, 342.171
Yxy	58.8279, 0.3415, 0.2843
Android (android.graphics.Color)	4294947807 (0xFFFFB3DF)
YUV	206.7400, 8.0162, 42.3240
Hunter-Lab	76.6993, 30.2299, -6.1654

Details

The Yxy color **58.8279, 0.3415, 0.2843** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.7794, 0.2917, 0.3786**, and the grayscale version is **62.1540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.3647, 0.3481, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **48.9754, 0.3549, 0.2690**, and if you desaturate by 10%, it is **70.6118, 0.3301, 0.2998**.

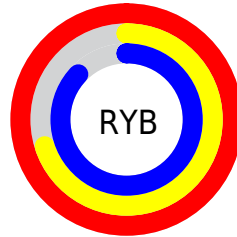
Distribution



Red (100%)

Green (70%)

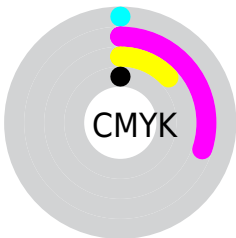
Blue (87%)



Red (100%)

Yellow (70%)

Blue (87%)

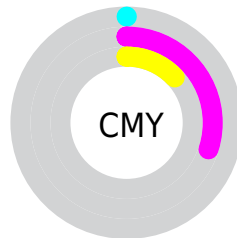


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8279, 0.3415, 0.2843 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 58.8279, 0.3415, 0.2843 by changing the saturation by 10% instead.


 58.8279, 0.3415,
0.2843

 58.8279, 0.3415,
0.2843


420.2638, 0.3281,
0.3050

 42.4746, 0.3446,
0.2796

 103.1275, 0.3368,
0.2915

 29.4731, 0.3484,
0.2738


131.8426, 0.3350,
0.2942

 19.4390, 0.3533,
0.2664

165.4470, 0.3334,
0.2966

 11.9879, 0.3597,
0.2569

204.3253, 0.3321,
0.2987

 6.7354, 0.3685,
0.2439

248.8617, 0.3309,
0.3006

 3.2972, 0.3813,
0.2253


299.4406, 0.3298,

 1.2888, 0.4015,


0.3022

0.1967

356.4466, 0.3289,
0.3037


 0.1325, 0.4800,
0.0662


 0.0000, 0.0000,
0.0000


 58.8279, 0.3415,
0.2843


 58.8279, 0.3415,
0.2843

 48.9754, 0.3549,
0.2690

 70.6118, 0.3301,
0.2998

 40.9412, 0.3703,
0.2546

 84.4160, 0.3205,
0.3149

 34.6131, 0.3876,
0.2421

99.9907, 0.3127,
0.3290

 29.8627, 0.4066,
0.2329

■ 26.5434, 0.4264,
0.2281

■ 24.4806, 0.4464,
0.2286

■ 23.3959, 0.4658,
0.2340

■ 23.3761, 0.4662,
0.2342

Harmonies

Analogous

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



58.8279, 0.2945, 0.2622



58.8279, 0.3415, 0.2843



58.8279, 0.3828, 0.3168

Triad

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



58.8279, 0.3415, 0.2843



58.8279, 0.3689, 0.4098



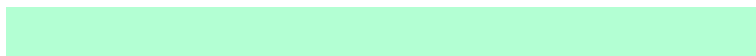
58.8279, 0.2293, 0.2934

Complementary

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



58.8279, 0.3415, 0.2843



85.7794, 0.2917, 0.3786

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.



58.8279, 0.2461, 0.3362



58.8279, 0.3415, 0.2843



58.8279, 0.3255, 0.4088

Square

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



58.8279, 0.3415, 0.2843



58.8279, 0.3983, 0.3879



58.8279, 0.2807, 0.3807



58.8279, 0.2327, 0.2650

Rectangle

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



58.8279, 0.3415, 0.2843



58.8279, 0.3998, 0.3413



58.8279, 0.2807, 0.3807



58.8279, 0.2327, 0.3065

Sweetspot

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



58.8306, 0.3415, 0.2843



85.6145, 0.3199, 0.3161



53.2693, 0.2823, 0.2468



17.8621, 0.3211, 0.3139



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.



58.8306, 0.3415, 0.2843



52.5012, 0.3496, 0.2747



57.0217, 0.3742, 0.3226



18.1634, 0.3203, 0.3153



12.2503, 0.4631, 0.2325



1.2146, 0.4424, 0.2211

Inverse Universe

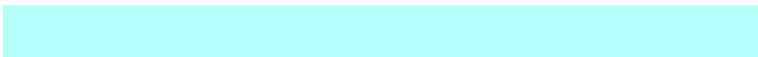
The Inverse Universe completely reimagines the original color for something new.



58.8306, 0.3415, 0.2843



52.5012, 0.3496, 0.2747



87.8924, 0.2727, 0.3357



18.1634, 0.3203, 0.3153



12.2503, 0.4631, 0.2325



1.2146, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 58.8279, 0.3415, 0.2843 looks on a white background.

Color Contrast Check

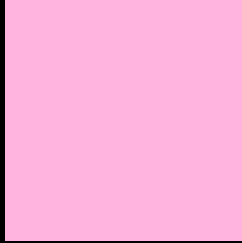
Large Text (above 18pt) WCAG AA × Fail

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 58.8279, 0.3415, 0.2843 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 58.8279, 0.3415, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 58.8279, 0.3415, 0.2843.



This preview shows how white text looks on a background with the Yxy color 58.8279, 0.3415, 0.2843.

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

58.8279, 0.3415, 0.2843

Protanopia

59.0251, 0.2839, 0.2867

Deuteranopia

58.9433, 0.3093, 0.3019



Tritanopia

59.0536, 0.3593, 0.3144

Trichromacy



Original Color

58.8279, 0.3415, 0.2843



Protanomaly

58.2772, 0.3031, 0.2848



Deuteranomaly

58.7054, 0.3207, 0.2952



Tritanomaly

58.8435, 0.3529, 0.3031

Monochromacy



Original Color

58.8279, 0.3415, 0.2843



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.5839, 0.3222, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8279, 0.3415, 0.2843 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 223) }
```

Border

The CSS property to change the border of an element to Yxy 58.8279, 0.3415, 0.2843 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, 223) }
```

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

```
.border{ border-color:rgb(255, 179, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8279, 0.3415, 0.2843 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
179, 223) }
```

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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