

Converting Colors

$Y_{xy}(58.7751, 0.3393, 0.2811)$

Have a look what the booklet for
Yxy(58.7751, 0.3393, 0.2811)
contains.

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Color

Yxy(58.9912, 0.3390, 0.2814)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E2
RGB	255, 179, 226
RGB Percent	100%, 70%, 89%
CMY	0.0003, 0.2979, 0.1138
CMYK	0.00, 0.30, 0.11, 0.00
HSL	323°, 100%, 85%
HSV	323°, 30%, 100%
XYZ	71.0662, 58.9912, 79.5773
YIQ	207.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

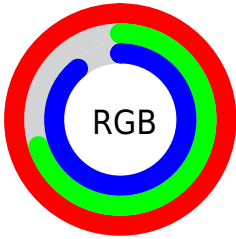
Format	Color
R _Y B	255, 179, 226
Decimal	16757730
CIE Lab	81.29, 34.47, -12.42
CIE LCh	81, 36.643, 340.193
Yxy	58.9912, 0.3390, 0.2814
Android (android.graphics.Color)	4294947810 (0xFFFFB3E2)
YUV	207.0820, 9.3266, 42.0241
Hunter-Lab	76.8057, 30.7510, -7.6655

Details

The Yxy color **58.9912, 0.3390, 0.2814** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.6184, 0.2933, 0.3821**, and the grayscale version is **62.3770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.4778, 0.3446, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **49.1806, 0.3511, 0.2651**, and if you desaturate by 10%, it is **70.7265, 0.3287, 0.2979**.

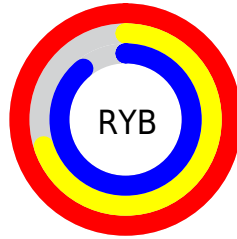
Distribution



Red (100%)

Green (70%)

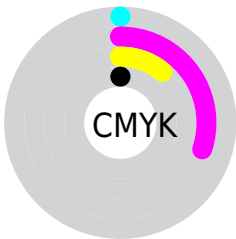
Blue (89%)



Red (100%)

Yellow (70%)

Blue (89%)

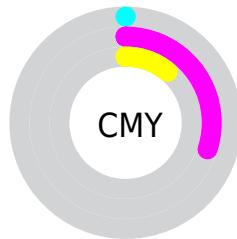


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9912, 0.3390, 0.2814 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 58.9912, 0.3390, 0.2814 by changing the saturation by 10% instead.


 58.9912, 0.3390,
0.2814

 58.9912, 0.3390,
0.2814


420.8693, 0.3268,
0.3033

 42.6060, 0.3418,
0.2764


 103.3649, 0.3348,
0.2890

 29.5761, 0.3452,
0.2703


132.1222, 0.3331,
0.2919

 19.5171, 0.3496,
0.2626


165.7723, 0.3317,
0.2945

 12.0445, 0.3552,
0.2525

204.6997, 0.3305,
0.2967

 6.7740, 0.3630,
0.2390

249.2887, 0.3294,
0.2987

 3.3212, 0.3740,
0.2197


299.9237, 0.3285,

 1.3016, 0.3912,


0.3004


0.1903


356.9891, 0.3276,
0.3019

 0.1425, 0.4576,
0.0662


 0.0000, 0.0000,
0.0000


 58.9912, 0.3390,
0.2814


 58.9912, 0.3390,
0.2814

 49.1806, 0.3511,
0.2651


 70.7265, 0.3287,
0.2979

 41.1819, 0.3649,
0.2498

 84.4752, 0.3199,
0.3140

 34.8829, 0.3803,
0.2366

99.9869, 0.3127,
0.3290

 30.1557, 0.3971,
0.2266

■ 26.8537, 0.4146,
0.2209

■ 24.8027, 0.4321,
0.2204

■ 23.7250, 0.4492,
0.2249

■ 23.7045, 0.4496,
0.2250

Harmonies

Analogous

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



58.9912, 0.2910, 0.2597



58.9912, 0.3390, 0.2814



58.9912, 0.3823, 0.3140

Triad

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



58.9912, 0.3390, 0.2814



58.9912, 0.3727, 0.4109



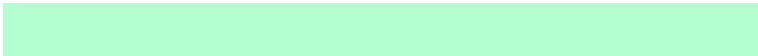
58.9912, 0.2279, 0.2950

Complementary

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



58.9912, 0.3390, 0.2814



85.6184, 0.2933, 0.3821

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.



58.9912, 0.2464, 0.3395



58.9912, 0.3390, 0.2814



58.9912, 0.3289, 0.4118

Square

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



58.9912, 0.3390, 0.2814



58.9912, 0.4016, 0.3871



58.9912, 0.2827, 0.3847



58.9912, 0.2300, 0.2648

Rectangle

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



58.9912, 0.3390, 0.2814



58.9912, 0.4008, 0.3389



58.9912, 0.2827, 0.3847



58.9912, 0.2318, 0.3087

Sweetspot

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



58.9939, 0.3390, 0.2814



85.6702, 0.3193, 0.3152



52.7190, 0.2795, 0.2462



17.8759, 0.3205, 0.3129



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.



58.9939, 0.3390, 0.2814



52.6917, 0.3463, 0.2712



57.1851, 0.3707, 0.3186



18.1760, 0.3197, 0.3144



12.4237, 0.4469, 0.2235



1.2310, 0.4286, 0.2135

Inverse Universe

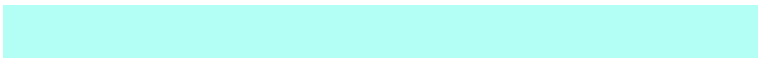
The Inverse Universe completely reimagines the original color for something new.



58.9939, 0.3390, 0.2814



52.6917, 0.3463, 0.2712



87.6458, 0.2745, 0.3399



18.1760, 0.3197, 0.3144



12.4237, 0.4469, 0.2235



1.2310, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 58.9912, 0.3390, 0.2814 looks on a white background.

Color Contrast Check

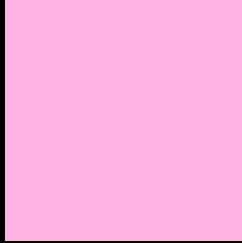
Large Text (above 18pt) WCAG AA × Fail

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 58.9912, 0.3390, 0.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

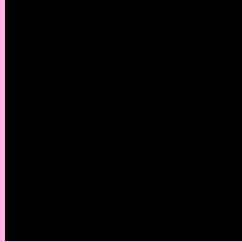
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9912, 0.3390, 0.2814

Background



This preview shows how black text looks on a background with the Yxy color 58.9912, 0.3390, 0.2814.



This preview shows how white text looks on a background with the Yxy color 58.9912, 0.3390, 0.2814.

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

58.9912, 0.3390, 0.2814

Protanopia

59.5339, 0.2813, 0.2845

Deuteranopia

59.4064, 0.3064, 0.2997



Tritanopia

59.0536, 0.3593, 0.3144

Trichromacy



Original Color

58.9912, 0.3390, 0.2814



Protanomaly

58.7370, 0.3003, 0.2827



Deuteranomaly

58.7027, 0.3176, 0.2920



Tritanomaly

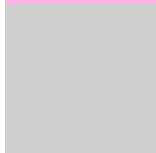
58.8926, 0.3520, 0.3021

Monochromacy



Original Color

58.9912, 0.3390, 0.2814



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 58.9912, 0.3390, 0.2814 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 226) }
```

Border

The CSS property to change the border of an element to Yxy 58.9912, 0.3390, 0.2814 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, 226) }
```

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

```
.border{ border-color:rgb(255, 179, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9912, 0.3390, 0.2814 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
179, 226) }
```

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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