

Converting Colors

Yxy(59.3068, 0.3317, 0.2721)

Have a look what the booklet for
Yxy(59.3068, 0.3317, 0.2721)
contains.

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Color

Yxy(59.0989, 0.3318, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2EB
RGB	255, 178, 235
RGB Percent	100%, 70%, 92%
CMY	0.0001, 0.3019, 0.0785
CMYK	0.00, 0.30, 0.08, 0.00
HSL	316°, 100%, 85%
HSV	316°, 30%, 100%
XYZ	72.1450, 59.0989, 86.1913
YIQ	207.5210, 27.5950, 34.0510

Conversions

Conversions Part 2

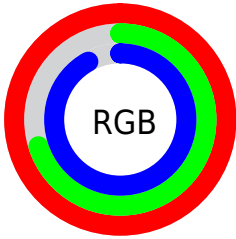
Format	Color
R _Y B	255, 178, 235
Decimal	16757483
CIE Lab	81.35, 36.50, -17.17
CIE LCh	81, 40.342, 334.806
Yxy	59.0989, 0.3318, 0.2718
Android (android.graphics.Color)	4294947563 (0xFFFFB2EB)
YUV	207.5210, 13.5471, 41.6391
Hunter-Lab	76.8758, 32.9828, -12.6615

Details

The Yxy color **59.0989, 0.3318, 0.2718** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.0447, 0.2980, 0.3941**, and the grayscale version is **62.6490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **29.5403, 0.3359, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **49.5036, 0.3401, 0.2528**, and if you desaturate by 10%, it is **70.5993, 0.3245, 0.2912**.

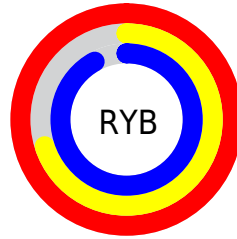
Distribution



Red (100%)

Green (70%)

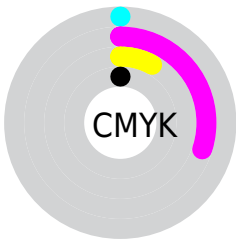
Blue (92%)



Red (100%)

Yellow (70%)

Blue (92%)

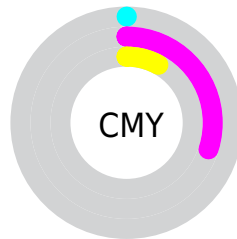


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0989, 0.3318, 0.2718 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 59.0989, 0.3318, 0.2718 by changing the saturation by 10% instead.

 59.0989, 0.3318,
0.2718

 59.0989, 0.3318,
0.2718

421.2683, 0.3233,
0.2979

 42.6927, 0.3337,
0.2660


 103.5214, 0.3289,
0.2808

 29.6441, 0.3359,
0.2588


132.3065, 0.3278,
0.2843

 19.5686, 0.3388,
0.2498


165.9867, 0.3268,
0.2873

 12.0819, 0.3423,
0.2382

204.9465, 0.3259,
0.2900

 6.7995, 0.3470,
0.2228

249.5701, 0.3251,
0.2923

 3.3370, 0.3532,
0.2013


300.2420, 0.3244,

 1.3101, 0.3619,


0.2944

0.1695

357.3466, 0.3238,
0.2962


 0.1490, 0.4003,
0.0569

 0.0000, 0.0000,
0.0000


 59.0989, 0.3318,
0.2718


 59.0989, 0.3318,
0.2718

 49.5036, 0.3401,
0.2528

 70.5993, 0.3245,
0.2912

 41.7007, 0.3494,
0.2351

 84.0937, 0.3182,
0.3103

 35.5779, 0.3594,
0.2197

99.6746, 0.3128,
0.3287

 31.0067, 0.3700,
0.2076

99.9939, 0.3127,
0.3290

■ 27.8402, 0.3809,
0.1999

■ 25.9029, 0.3915,
0.1971

■ 24.9175, 0.4016,
0.1986

Harmonies

Analogous

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



59.0989, 0.2800, 0.2510



59.0989, 0.3318, 0.2718



59.0989, 0.3819, 0.3053

Triad

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



59.0989, 0.3318, 0.2718



59.0989, 0.3855, 0.4155



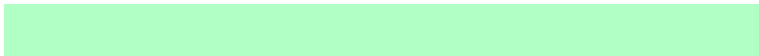
59.0989, 0.2221, 0.2990

Complementary

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



59.0989, 0.3318, 0.2718



85.0447, 0.2980, 0.3941

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.



59.0989, 0.2458, 0.3498



59.0989, 0.3318, 0.2718



59.0989, 0.3392, 0.4228

Square

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



59.0989, 0.3318, 0.2718



59.0989, 0.4133, 0.3855



59.0989, 0.2881, 0.3982



59.0989, 0.2204, 0.2629

Rectangle

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



59.0989, 0.3318, 0.2718



59.0989, 0.4054, 0.3319



59.0989, 0.2881, 0.3982



59.0989, 0.2276, 0.3149

Sweetspot

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



59.1016, 0.3318, 0.2718



85.8434, 0.3175, 0.3125



50.9736, 0.2724, 0.2434



17.9187, 0.3184, 0.3098



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.



59.1016, 0.3318, 0.2718



53.3041, 0.3365, 0.2606



57.1473, 0.3638, 0.3091



18.2151, 0.3178, 0.3116



13.0494, 0.4000, 0.1977



1.2884, 0.3889, 0.1916

Inverse Universe

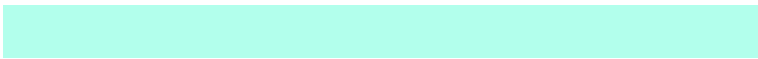
The Inverse Universe completely reimagines the original color for something new.



59.1016, 0.3318, 0.2718



53.3041, 0.3365, 0.2606



87.0078, 0.2785, 0.3501



18.2151, 0.3178, 0.3116



13.0494, 0.4000, 0.1977



1.2884, 0.3889, 0.1916

Previews

White Background



This preview shows how the Yxy color 59.0989, 0.3318, 0.2718 looks on a white background.

Color Contrast Check

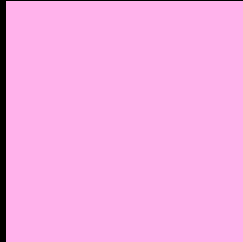
Large Text (above 18pt) WCAG AA × Fail

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 59.0989, 0.3318, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

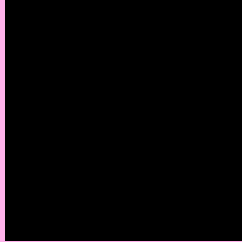
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0989, 0.3318, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 59.0989, 0.3318, 0.2718.



This preview shows how white text looks on a background with the Yxy color 59.0989, 0.3318, 0.2718.

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

59.0989, 0.3318, 0.2718

Protanopia

59.2870, 0.2732, 0.2727

Deuteranopia

59.1119, 0.2970, 0.2907



Tritanopia

59.1454, 0.3566, 0.3144

Trichromacy



Original Color

59.0989, 0.3318, 0.2718



Protanomaly

58.5880, 0.2919, 0.2712



Deuteranomaly

58.6607, 0.3094, 0.2834



Tritanomaly

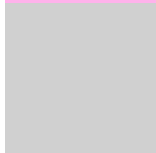
58.9048, 0.3478, 0.2980

Monochromacy



Original Color

59.0989, 0.3318, 0.2718



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.0020, 0.3193, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0989, 0.3318, 0.2718 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, 178, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 235)  
}
```

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, 178, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.0989, 0.3318, 0.2718 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, 178, 235) }
```

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

```
.border{ border-color:rgb(255, 178, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0989, 0.3318, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 235) }
```

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

```
.background{ background-color: rgb(255,  
178, 235) }
```

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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