

Converting Colors

$Y_{xy}(100.0000, 0.4439, 0.2947)$

Have a look what the booklet for
Yxy(100.0000, 0.4439, 0.2947)
contains.

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Color

Yxy(59.3834, 0.3333, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E9
RGB	255, 179, 233
RGB Percent	100%, 70%, 91%
CMY	0.0002, 0.2979, 0.0863
CMYK	0.00, 0.30, 0.09, 0.00
HSL	317°, 100%, 85%
HSV	317°, 30%, 100%
XYZ	72.0513, 59.3834, 84.7408
YIQ	207.8800, 27.9620, 32.9060

Conversions

Conversions Part 2

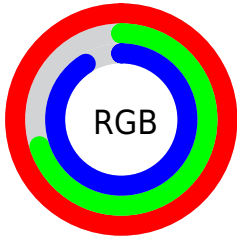
Format	Color
R _Y B	255, 179, 233
Decimal	16757737
CIE Lab	81.50, 35.63, -15.86
CIE LCh	82, 39.005, 336.007
Yxy	59.3834, 0.3333, 0.2747
Android (android.graphics.Color)	4294947817 (0xFFFFB3E9)
YUV	207.8800, 12.3842, 41.3242
Hunter-Lab	77.0606, 32.0405, -11.2566

Details

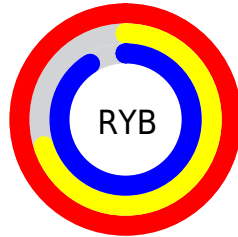
The Yxy color **59.3834, 0.3333, 0.2747** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.2915, 0.2970, 0.3904**, and the grayscale version is **62.9002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.7119, 0.3379, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **49.6788, 0.3425, 0.2563**, and if you desaturate by 10%, it is **71.0003, 0.3253, 0.2934**.

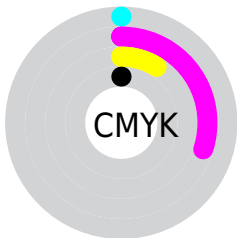
Distribution



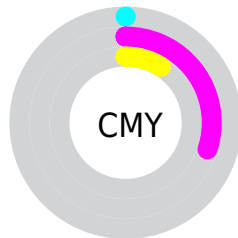
- Red (100%)
- Green (70%)
- Blue (91%)



- Red (100%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3834, 0.3333, 0.2747 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 59.3834, 0.3333, 0.2747 by changing the saturation by 10% instead.

 59.3834, 0.3333,
0.2747

 59.3834, 0.3333,
0.2747

422.3213, 0.3240,
0.2995

 42.9218, 0.3354,
0.2691


 103.9347, 0.3301,
0.2832

 29.8238, 0.3379,
0.2623

132.7932, 0.3289,
0.2866

 19.7049, 0.3410,
0.2537


166.5528, 0.3278,
0.2895

 12.1807, 0.3451,
0.2426

205.5979, 0.3268,
0.2920

 6.8669, 0.3504,
0.2278

250.3129, 0.3260,
0.2942

 3.3790, 0.3577,
0.2070


301.0822, 0.3253,

 1.3326, 0.3682,


0.2962


0.1761


358.2902, 0.3246,
0.2979


 0.1663, 0.4109,
0.0656

 0.0000, 0.0000,
0.0000


 59.3834, 0.3333,
0.2747


 59.3834, 0.3333,
0.2747

 49.6788, 0.3425,
0.2563


 71.0003, 0.3253,
0.2934

 41.7739, 0.3528,
0.2391

 84.6178, 0.3184,
0.3118

 35.5569, 0.3641,
0.2241

99.9901, 0.3127,
0.3290

 30.8999, 0.3761,
0.2124

■ 27.6569, 0.3884,
0.2050

■ 25.6537, 0.4006,
0.2025

■ 24.6127, 0.4125,
0.2047

■ 24.5936, 0.4128,
0.2047

Harmonies

Analogous

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



59.3834, 0.2830, 0.2539



59.3834, 0.3333, 0.2747



59.3834, 0.3811, 0.3077

Triad

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



59.3834, 0.3333, 0.2747



59.3834, 0.3816, 0.4134



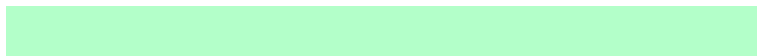
59.3834, 0.2245, 0.2985

Complementary

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



59.3834, 0.3333, 0.2747



85.2915, 0.2970, 0.3904

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.



59.3834, 0.2467, 0.3471



59.3834, 0.3333, 0.2747



59.3834, 0.3365, 0.4190

Square

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



59.3834, 0.3333, 0.2747



59.3834, 0.4093, 0.3854



59.3834, 0.2871, 0.3941



59.3834, 0.2237, 0.2642

Rectangle

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



59.3834, 0.3333, 0.2747



59.3834, 0.4032, 0.3336



59.3834, 0.2871, 0.3941



59.3834, 0.2296, 0.3137

Sweetspot

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



59.3861, 0.3333, 0.2747



85.8010, 0.3179, 0.3132



51.8247, 0.2749, 0.2451



17.9082, 0.3189, 0.3105



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.



59.3861, 0.3333, 0.2747



53.1512, 0.3389, 0.2632



57.4659, 0.3651, 0.3120



18.2055, 0.3183, 0.3123



12.8838, 0.4109, 0.2037



1.2734, 0.3981, 0.1967

Inverse Universe

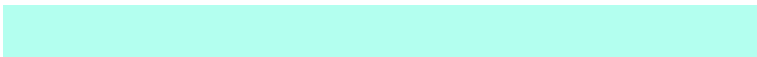
The Inverse Universe completely reimagines the original color for something new.



59.3861, 0.3333, 0.2747



53.1512, 0.3389, 0.2632



87.2769, 0.2777, 0.3469



18.2055, 0.3183, 0.3123



12.8838, 0.4109, 0.2037



1.2734, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 59.3834, 0.3333, 0.2747 looks on a white background.

Color Contrast Check

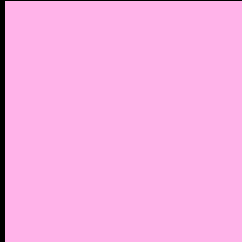
Large Text (above 18pt) WCAG AA × Fail

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 59.3834, 0.3333, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

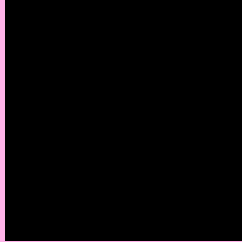
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3834, 0.3333, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 59.3834, 0.3333, 0.2747.



This preview shows how white text looks on a background with the Yxy color 59.3834, 0.3333, 0.2747.

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

59.3834, 0.3333, 0.2747

Protanopia

59.7571, 0.2751, 0.2760

Deuteranopia

59.8030, 0.2992, 0.2931



Tritanopia

59.3307, 0.3574, 0.3144

Trichromacy



Original Color

59.3834, 0.3333, 0.2747



Protanomaly

59.0581, 0.2940, 0.2744



Deuteranomaly

59.1999, 0.3108, 0.2856



Tritanomaly

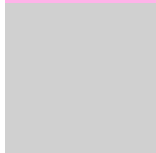
59.2656, 0.3485, 0.3000

Monochromacy



Original Color

59.3834, 0.3333, 0.2747



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

60.9498, 0.3200, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3834, 0.3333, 0.2747 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 233) }
```

Border

The CSS property to change the border of an element to Yxy 59.3834, 0.3333, 0.2747 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, 233) }
```

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

```
.border{ border-color:rgb(255, 179, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3834, 0.3333, 0.2747 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
179, 233) }
```

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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