

Converting Colors

Yxy(59.9469, 0.3368, 0.2811)

Have a look what the booklet for
Yxy(59.9469, 0.3368, 0.2811)
contains.

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Color

Yxy(59.9092, 0.3372, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5E4
RGB	255, 181, 228
RGB Percent	100%, 71%, 89%
CMY	0.0000, 0.2902, 0.1060
CMYK	0.00, 0.29, 0.11, 0.00
HSL	322°, 100%, 85%
HSV	322°, 29%, 100%
XYZ	71.7633, 59.9092, 81.1488
YIQ	208.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

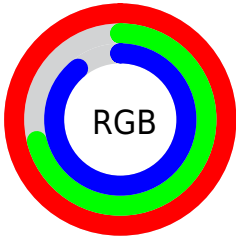
Format	Color
R_{YB}	255, 181, 228
Decimal	16758244
CIE _{Lab}	81.79, 33.79, -12.73
CIE _{LCh}	82, 36.108, 339.358
Yxy	59.9092, 0.3372, 0.2815
Android (android.graphics.Color)	4294948324 (0xFFFFB5E4)
YUV	208.4840, 9.6214, 40.7945
Hunter-Lab	77.4010, 30.0467, -7.9801

Details

The Yxy color **59.9092, 0.3372, 0.2815** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.9017, 0.2944, 0.3819**, and the grayscale version is **63.3295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **30.0662, 0.3421, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **49.9685, 0.3486, 0.2648**, and if you desaturate by 10%, it is **71.7797, 0.3274, 0.2984**.

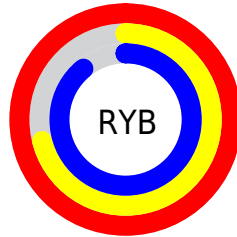
Distribution



Red (100%)

Green (71%)

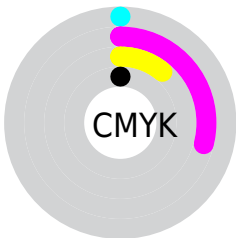
Blue (89%)



Red (100%)

Yellow (71%)

Blue (89%)

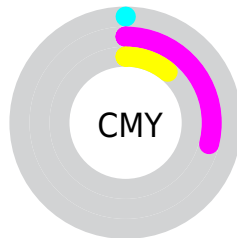


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9092, 0.3372, 0.2815 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 59.9092, 0.3372, 0.2815 by changing the saturation by 10% instead.


 59.9092, 0.3372,
0.2815

 59.9092, 0.3372,
0.2815

424.2630, 0.3259,
0.3033

 43.3455, 0.3398,
0.2766


 104.6979, 0.3333,
0.2890

 30.1563, 0.3429,
0.2705


133.6917, 0.3318,
0.2920

 19.9572, 0.3469,
0.2628

167.5976, 0.3305,
0.2945

 12.3640, 0.3521,
0.2529

206.8001, 0.3293,
0.2967

 6.9921, 0.3591,
0.2395

251.6834, 0.3283,
0.2987

 3.4571, 0.3691,
0.2206

302.6321, 0.3274,

 1.3748, 0.3844,

0.3004

0.1919

360.0305, 0.3266,
0.3019

0.1980, 0.4389,
0.0848

0.0000, 0.0000,
0.0000

59.9092, 0.3372,
0.2815

59.9092, 0.3372,
0.2815

49.9685, 0.3486,
0.2648

71.7797, 0.3274,
0.2984

41.8474, 0.3617,
0.2491

85.6699, 0.3191,
0.3148

35.4338, 0.3763,
0.2353

100.0000, 0.3127,
0.3290

30.6010, 0.3921,
0.2247

■ 27.2040, 0.4086,
0.2183

■ 25.0711, 0.4252,
0.2171

■ 23.9488, 0.4414,
0.2209

■ 23.8616, 0.4430,
0.2214

Harmonies

Analogous

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



59.9092, 0.2902, 0.2605



59.9092, 0.3372, 0.2815



59.9092, 0.3799, 0.3133

Triad

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



59.9092, 0.3372, 0.2815



59.9092, 0.3726, 0.4089



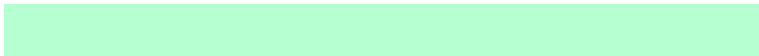
59.9092, 0.2297, 0.2968

Complementary

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



59.9092, 0.3372, 0.2815



85.9017, 0.2944, 0.3819

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.



59.9092, 0.2484, 0.3406



59.9092, 0.3372, 0.2815



59.9092, 0.3299, 0.4104

Square

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



59.9092, 0.3372, 0.2815



59.9092, 0.4003, 0.3852



59.9092, 0.2845, 0.3846



59.9092, 0.2312, 0.2666

Rectangle

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



59.9092, 0.3372, 0.2815



59.9092, 0.3985, 0.3378



59.9092, 0.2845, 0.3846



59.9092, 0.2337, 0.3104

Sweetspot

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



59.9113, 0.3372, 0.2815



85.6929, 0.3191, 0.3148



53.5242, 0.2796, 0.2483



17.8815, 0.3202, 0.3125



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.



59.9113, 0.3372, 0.2815



53.7360, 0.3438, 0.2714



58.1228, 0.3677, 0.3176



18.1811, 0.3194, 0.3140



12.4979, 0.4404, 0.2200



1.2379, 0.4231, 0.2104

Inverse Universe

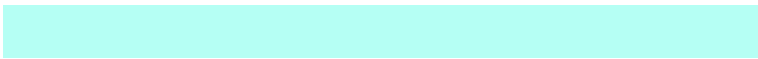
The Inverse Universe completely reimagines the original color for something new.



59.9113, 0.3372, 0.2815



53.7360, 0.3438, 0.2714



87.8707, 0.2760, 0.3409



18.1811, 0.3194, 0.3140



12.4979, 0.4404, 0.2200



1.2379, 0.4231, 0.2104

Previews

White Background



This preview shows how the Yxy color 59.9092, 0.3372, 0.2815 looks on a white background.

Color Contrast Check

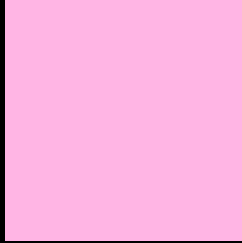
Large Text (above 18pt) WCAG AA × Fail

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 59.9092, 0.3372, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

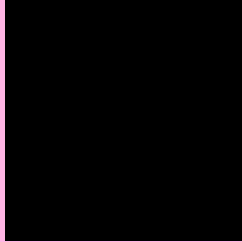
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9092, 0.3372, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 59.9092, 0.3372, 0.2815.

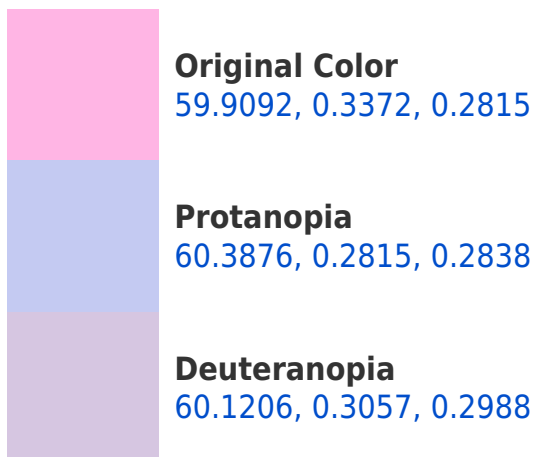


This preview shows how white text looks on a background with the Yxy color 59.9092, 0.3372, 0.2815.

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

59.9834, 0.3572, 0.3145

Trichromacy



Original Color

59.9092, 0.3372, 0.2815



Protanomaly

59.4497, 0.2996, 0.2819



Deuteranomaly

59.8483, 0.3168, 0.2922



Tritanomaly

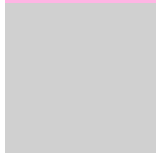
59.8168, 0.3500, 0.3022

Monochromacy



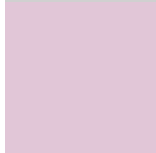
Original Color

59.9092, 0.3372, 0.2815



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.3020, 0.3214, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9092, 0.3372, 0.2815 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, 181, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 228)  
}
```

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, 181, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 228) }
```

Border

The CSS property to change the border of an element to Yxy 59.9092, 0.3372, 0.2815 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, 181, 228) }
```

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

```
.border{ border-color:rgb(255, 181, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9092, 0.3372, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 228) }
```

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

```
.background{ background-color: rgb(255,  
181, 228) }
```

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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