

Converting Colors

$Yxy(59.5658, 0.3437, 0.2895)$

Have a look what the booklet for
Yxy(59.5658, 0.3437, 0.2895)
contains.

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Color

Yxy(59.4751, 0.3437, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5DC
RGB	255, 181, 220
RGB Percent	100%, 71%, 86%
CMY	0.0000, 0.2902, 0.1371
CMYK	0.00, 0.29, 0.14, 0.00
HSL	328°, 100%, 85%
HSV	328°, 29%, 100%
XYZ	70.6832, 59.4751, 75.4955
YIQ	207.5720, 31.5850, 27.8170

Conversions

Conversions Part 2

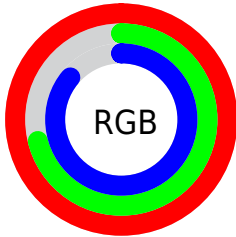
Format	Color
R _Y B	255, 181, 220
Decimal	16758236
CIE Lab	81.55, 32.51, -8.82
CIE LCh	82, 33.691, 344.815
Yxy	59.4751, 0.3437, 0.2892
Android (android.graphics.Color)	4294948316 (0xFFFFB5DC)
YUV	207.5720, 6.1270, 41.5944
Hunter-Lab	77.1201, 28.6412, -4.0570

Details

The Yxy color $59.4751, 0.3437, 0.2892$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.2918, 0.2902, 0.3727$, and the grayscale version is $62.7321, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $29.7657, 0.3511, 0.2794$ is the 20% darker color. If you saturate the color by 10%, you get $49.4239, 0.3586, 0.2751$, and if you desaturate by 10%, it is $71.4752, 0.3311, 0.3034$.

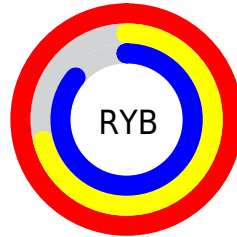
Distribution



Red (100%)

Green (71%)

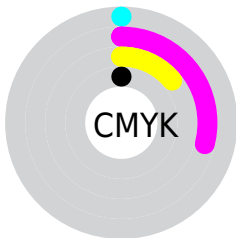
Blue (86%)



Red (100%)

Yellow (71%)

Blue (86%)

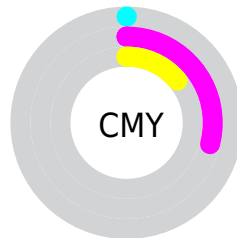


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4751, 0.3437, 0.2892 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 59.4751, 0.3437, 0.2892 by changing the saturation by 10% instead.


 59.4751, 0.3437,
0.2892

 59.4751, 0.3437,
0.2892

422.6603, 0.3292,
0.3077

 42.9957, 0.3471,
0.2850


 104.0679, 0.3386,
0.2956

 29.8817, 0.3513,
0.2797


132.9500, 0.3366,
0.2981

 19.7488, 0.3566,
0.2731


166.7352, 0.3350,
0.3003

 12.2126, 0.3637,
0.2645

205.8078, 0.3335,
0.3021

 6.8886, 0.3735,
0.2527

250.5522, 0.3322,
0.3038

 3.3926, 0.3879,
0.2357

301.3528, 0.3311,

 1.3399, 0.4110,

0.3052

0.2092

358.5940, 0.3301,
0.3065

0.1718, 0.4965,
0.0886

0.0000, 0.0000,
0.0000

59.4751, 0.3437,
0.2892

59.4751, 0.3437,
0.2892

49.4239, 0.3586,
0.2751

71.4752, 0.3311,
0.3034

41.2090, 0.3759,
0.2618

85.5129, 0.3206,
0.3172

34.7185, 0.3957,
0.2503

99.9976, 0.3127,
0.3290

29.8249, 0.4174,
0.2419

■ 26.3830, 0.4404,
0.2378

■ 24.2202, 0.4636,
0.2390

■ 23.0825, 0.4860,
0.2455

■ 22.9944, 0.4882,
0.2463

Harmonies

Analogous

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



59.4751, 0.2994, 0.2672



59.4751, 0.3437, 0.2892



59.4751, 0.3812, 0.3206

Triad

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



59.4751, 0.3437, 0.2892



59.4751, 0.3625, 0.4058



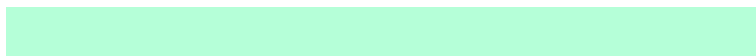
59.4751, 0.2335, 0.2928

Complementary

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



59.4751, 0.3437, 0.2892



86.2918, 0.2902, 0.3727

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.



59.4751, 0.2478, 0.3321



59.4751, 0.3437, 0.2892



59.4751, 0.3212, 0.4023

Square

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



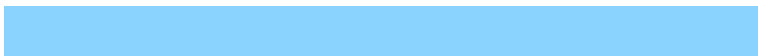
59.4751, 0.3437, 0.2892



59.4751, 0.3916, 0.3871



59.4751, 0.2793, 0.3741



59.4751, 0.2383, 0.2672

Rectangle

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



59.4751, 0.3437, 0.2892



59.4751, 0.3958, 0.3440



59.4751, 0.2793, 0.3741



59.4751, 0.2361, 0.3047

Sweetspot

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



59.4778, 0.3437, 0.2892



85.5428, 0.3206, 0.3172



54.7972, 0.2860, 0.2497



17.8445, 0.3220, 0.3152



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.



59.4778, 0.3437, 0.2892



53.2379, 0.3523, 0.2807



57.7467, 0.3753, 0.3266



18.1473, 0.3211, 0.3165



12.0468, 0.4847, 0.2444



1.1951, 0.4608, 0.2312

Inverse Universe

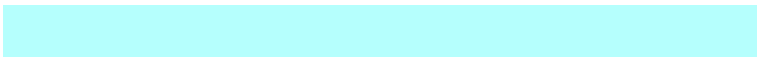
The Inverse Universe completely reimagines the original color for something new.



59.4778, 0.3437, 0.2892



53.2379, 0.3523, 0.2807



88.3980, 0.2718, 0.3315



18.1473, 0.3211, 0.3165



12.0468, 0.4847, 0.2444



1.1951, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 59.4751, 0.3437, 0.2892 looks on a white background.

Color Contrast Check

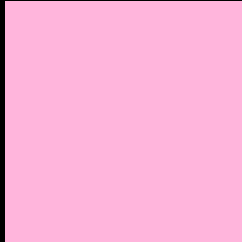
Large Text (above 18pt) WCAG AA × Fail

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 59.4751, 0.3437, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

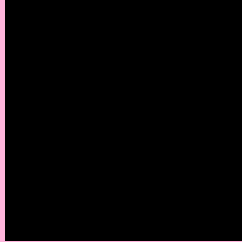
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4751, 0.3437, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 59.4751, 0.3437, 0.2892.



This preview shows how white text looks on a background with the Yxy color 59.4751, 0.3437, 0.2892.

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

59.4751, 0.3437, 0.2892

Protanopia

59.6622, 0.2886, 0.2924

Deuteranopia

59.5412, 0.3130, 0.3065



Tritanopia

59.5169, 0.3582, 0.3145

Trichromacy



Original Color

59.4751, 0.3437, 0.2892



Protanomaly

59.2451, 0.3075, 0.2914



Deuteranomaly

59.1466, 0.3237, 0.2996



Tritanomaly

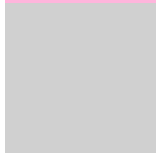
59.6686, 0.3525, 0.3052

Monochromacy



Original Color

59.4751, 0.3437, 0.2892



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.1492, 0.3237, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4751, 0.3437, 0.2892 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.4751, 0.3437, 0.2892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

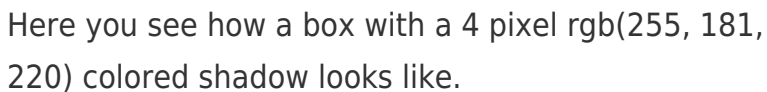
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 220) }
```

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

```
.border{ border-color:rgb(255, 181, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 220); box-shadow:4px 4px 4px 4px rgb(255, 181, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4751, 0.3437, 0.2892 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
181, 220) }
```

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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