

Converting Colors

Yxy(61.4112, 0.3512, 0.2913)

Have a look what the booklet for
Yxy(61.4112, 0.3512, 0.2913)
contains.

Yxy(59.8832, 0.3436, 0.2903)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.8832, 0.3436, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6DC
RGB	255, 182, 220
RGB Percent	100%, 71%, 86%
CMY	0.0001, 0.2862, 0.1373
CMYK	0.00, 0.29, 0.14, 0.00
HSL	329°, 100%, 86%
HSV	329°, 29%, 100%
XYZ	70.8779, 59.8832, 75.5193
YIQ	208.1590, 31.3100, 27.2940

Conversions

Conversions Part 2

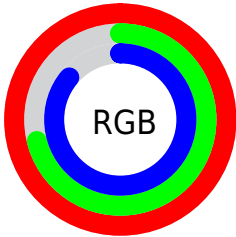
Format	Color
R _Y B	255, 182, 220
Decimal	16758492
CIE Lab	81.77, 31.97, -8.46
CIE LCh	82, 33.071, 345.179
Yxy	59.8832, 0.3436, 0.2903
Android (android.graphics.Color)	4294948572 (0xFFFFB6DC)
YUV	208.1590, 5.8376, 41.0796
Hunter-Lab	77.3842, 28.0697, -3.6921

Details

The Yxy color **59.8832, 0.3436, 0.2903** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.4642, 0.2902, 0.3714**, and the grayscale version is **63.1321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **30.0253, 0.3509, 0.2807** is the 20% darker color. If you saturate the color by 10%, you get **49.7499, 0.3586, 0.2763**, and if you desaturate by 10%, it is **71.9707, 0.3309, 0.3043**.

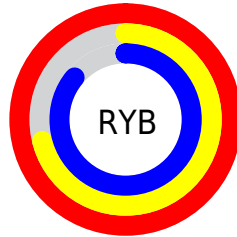
Distribution



Red (100%)

Green (71%)

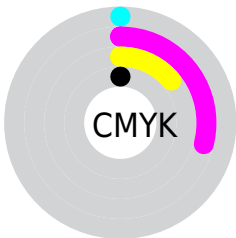
Blue (86%)



Red (100%)

Yellow (71%)

Blue (86%)

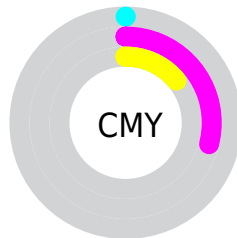


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8832, 0.3436, 0.2903 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 59.8832, 0.3436, 0.2903 by changing the saturation by 10% instead.


 59.8832, 0.3436,
0.2903

 59.8832, 0.3436,
0.2903

424.1671, 0.3291,
0.3083

 43.3245, 0.3470,
0.2862

 104.6602, 0.3385,
0.2965

 30.1398, 0.3512,
0.2811


133.6473, 0.3366,
0.2990

 19.9447, 0.3565,
0.2747


167.5460, 0.3349,
0.3010

 12.3549, 0.3636,
0.2662

206.7407, 0.3334,
0.3029

 6.9858, 0.3733,
0.2548

251.6157, 0.3321,
0.3045

 3.4532, 0.3877,
0.2382

302.5556, 0.3310,

 1.3727, 0.4107,

0.3059

0.2124

359.9446, 0.3300,
0.3071

0.1965, 0.4928,
0.0995

0.0000, 0.0000,
0.0000

59.8832, 0.3436,
0.2903

59.8832, 0.3436,
0.2903

49.7499, 0.3586,
0.2763

71.9707, 0.3309,
0.3043

41.4585, 0.3762,
0.2632

86.1007, 0.3204,
0.3179

34.8974, 0.3962,
0.2518

99.9959, 0.3127,
0.3290

29.9398, 0.4183,
0.2434

■ 26.4410, 0.4417,
0.2393

■ 24.2301, 0.4654,
0.2404

■ 23.0641, 0.4882,
0.2469

■ 22.9403, 0.4913,
0.2480

Harmonies

Analogous

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



59.8832, 0.3003, 0.2685



59.8832, 0.3436, 0.2903



59.8832, 0.3801, 0.3213

Triad

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



59.8832, 0.3436, 0.2903



59.8832, 0.3611, 0.4043



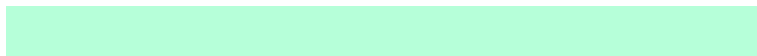
59.8832, 0.2349, 0.2932

Complementary

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



59.8832, 0.3436, 0.2903



86.4642, 0.2902, 0.3714

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.



59.8832, 0.2488, 0.3316



59.8832, 0.3436, 0.2903



59.8832, 0.3205, 0.4005

Square

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



59.8832, 0.3436, 0.2903



59.8832, 0.3898, 0.3864



59.8832, 0.2796, 0.3727



59.8832, 0.2399, 0.2683

Rectangle

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



59.8832, 0.3436, 0.2903



59.8832, 0.3942, 0.3442



59.8832, 0.2796, 0.3727



59.8832, 0.2375, 0.3048

Sweetspot

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



59.8859, 0.3436, 0.2903



85.5325, 0.3207, 0.3174



55.2914, 0.2864, 0.2509



17.8419, 0.3222, 0.3154



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.



59.8859, 0.3436, 0.2903



54.2012, 0.3514, 0.2827



58.1993, 0.3741, 0.3266



18.1450, 0.3212, 0.3167



12.0195, 0.4878, 0.2461



1.1924, 0.4635, 0.2327

Inverse Universe

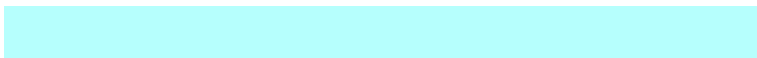
The Inverse Universe completely reimagines the original color for something new.



59.8859, 0.3436, 0.2903



54.2012, 0.3514, 0.2827



88.5166, 0.2723, 0.3315



18.1450, 0.3212, 0.3167



12.0195, 0.4878, 0.2461



1.1924, 0.4635, 0.2327

Previews

White Background



This preview shows how the Yxy color 59.8832, 0.3436, 0.2903 looks on a white background.

Color Contrast Check

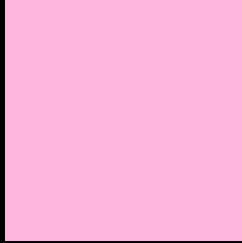
Large Text (above 18pt) WCAG AA × Fail

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 59.8832, 0.3436, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

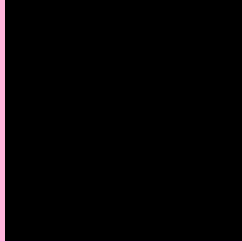
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8832, 0.3436, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 59.8832, 0.3436, 0.2903.



This preview shows how white text looks on a background with the Yxy color 59.8832, 0.3436, 0.2903.

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

59.8832, 0.3436, 0.2903

Protanopia

60.2664, 0.2893, 0.2936

Deuteranopia

60.1496, 0.3137, 0.3077



Tritanopia

60.1706, 0.3580, 0.3145

Trichromacy



Original Color

59.8832, 0.3436, 0.2903



Protanomaly

59.6917, 0.3075, 0.2926



Deuteranomaly

59.7502, 0.3244, 0.3007



Tritanomaly

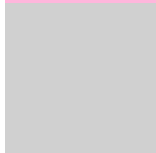
60.2737, 0.3531, 0.3063

Monochromacy



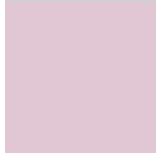
Original Color

59.8832, 0.3436, 0.2903



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.6079, 0.3236, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8832, 0.3436, 0.2903 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, 182, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.8832, 0.3436, 0.2903 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, 182, 220) }
```

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

```
.border{ border-color:rgb(255, 182, 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, 182, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8832, 0.3436, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 220) }
```

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

```
.background{ background-color: rgb(255,  
182, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor