

Converting Colors

Yxy(61.8138, 0.3702, 0.3103)

Have a look what the booklet for
Yxy(61.8138, 0.3702, 0.3103)
contains.

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Color

Yxy(59.3912, 0.3586, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7CA
RGB	255, 183, 202
RGB Percent	100%, 72%, 79%
CMY	0.0000, 0.2823, 0.2077
CMYK	0.00, 0.28, 0.21, 0.00
HSL	344°, 100%, 86%
HSV	344°, 28%, 100%
XYZ	68.8354, 59.3912, 63.7294
YIQ	206.6940, 36.8130, 21.1730

Conversions

Conversions Part 2

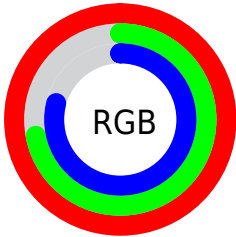
Format	Color
R _Y B	255, 183, 202
Decimal	16758730
CIE Lab	81.51, 28.73, 0.82
CIE LCh	82, 28.742, 1.628
Yxy	59.3912, 0.3586, 0.3094
Android (android.graphics.Color)	4294948810 (0xFFFFB7CA)
YUV	206.6940, -2.3141, 42.3644
Hunter-Lab	77.0657, 24.5721, 4.9162

Details

The Yxy color **59.3912, 0.3586, 0.3094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.6400, 0.2810, 0.3497**, and the grayscale version is **62.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **29.7089, 0.3705, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **48.9746, 0.3823, 0.3022**, and if you desaturate by 10%, it is **71.8268, 0.3392, 0.3166**.

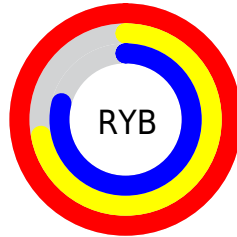
Distribution



Red (100%)

Green (72%)

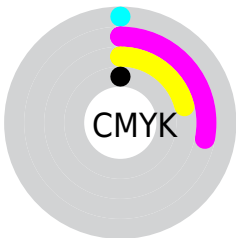
Blue (79%)



Red (100%)

Yellow (72%)

Blue (79%)

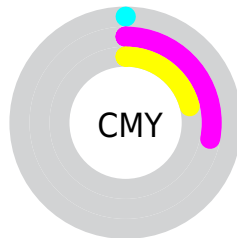


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3912, 0.3586, 0.3094 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 59.3912, 0.3586, 0.3094 by changing the saturation by 10% instead.

 59.3912, 0.3586,
0.3094

 59.3912, 0.3586,
0.3094


422.3501, 0.3366,
0.3189

 42.9281, 0.3638,
0.3071

 103.9460, 0.3508,
0.3128

 29.8287, 0.3704,
0.3043


132.8065, 0.3478,
0.3141

 19.7086, 0.3790,
0.3006


166.5683, 0.3452,
0.3151

 12.1834, 0.3904,
0.2956

205.6158, 0.3430,
0.3161

 6.8687, 0.4066,
0.2885

250.3333, 0.3411,
0.3169

 3.3801, 0.4312,
0.2777


301.1052, 0.3394,

 1.3333, 0.4726,


0.3176


0.2593

358.3161, 0.3379,
0.3183


 0.1667, 0.7470,
0.1448


 0.0000, 0.0000,
0.0000


 59.3912, 0.3586,
0.3094

 59.3912, 0.3586,
0.3094

 48.9746, 0.3823,
0.3022


 71.8268, 0.3392,
0.3166

 40.4620, 0.4108,
0.2955

 86.3720, 0.3234,
0.3236

 33.7393, 0.4440,
0.2903

99.9993, 0.3127,
0.3290

 28.6769, 0.4812,
0.2874

■ 25.1275, 0.5201,
0.2882

■ 22.9172, 0.5571,
0.2933

■ 21.8082, 0.5882,
0.3024

■ 21.6691, 0.5931,
0.3041

Harmonies

Analogous

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



59.3912, 0.3228, 0.2850



59.3912, 0.3586, 0.3094



59.3912, 0.3821, 0.3392

Triad

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



59.3912, 0.3586, 0.3094



59.3912, 0.3366, 0.3951



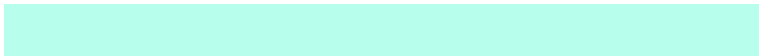
59.3912, 0.2446, 0.2842

Complementary

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



59.3912, 0.3586, 0.3094



87.6400, 0.2810, 0.3497

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.



59.3912, 0.2479, 0.3122



59.3912, 0.3586, 0.3094



59.3912, 0.2996, 0.3797

Square

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



59.3912, 0.3586, 0.3094



59.3912, 0.3683, 0.3898



59.3912, 0.2675, 0.3480



59.3912, 0.2581, 0.2700

Rectangle

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



59.3912, 0.3586, 0.3094



59.3912, 0.3868, 0.3592



59.3912, 0.2675, 0.3480



59.3912, 0.2438, 0.2922

Sweetspot

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



59.3940, 0.3586, 0.3094



86.7386, 0.3231, 0.3238



58.8872, 0.3013, 0.2553



18.0659, 0.3253, 0.3227



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.



59.3940, 0.3586, 0.3094



53.1470, 0.3717, 0.3052



65.8957, 0.3703, 0.3466



18.0659, 0.3253, 0.3227



11.3438, 0.5890, 0.3018



1.1216, 0.5573, 0.2844

Inverse Universe

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



59.3940, 0.3586, 0.3094



53.1470, 0.3717, 0.3052



78.5522, 0.2697, 0.3106



18.0659, 0.3253, 0.3227



11.3438, 0.5890, 0.3018



1.1216, 0.5573, 0.2844

Previews

White Background



This preview shows how the Yxy color 59.3912, 0.3586, 0.3094 looks on a white background.

Color Contrast Check

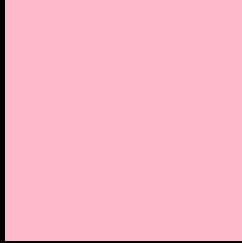
Large Text (above 18pt) WCAG AA × Fail

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 59.3912, 0.3586, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

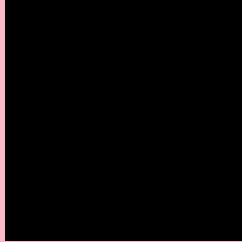
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3912, 0.3586, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 59.3912, 0.3586, 0.3094.



This preview shows how white text looks on a background with the Yxy color 59.3912, 0.3586, 0.3094.

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

59.3912, 0.3586, 0.3094

Protanopia

59.8825, 0.3065, 0.3162

Deuteranopia

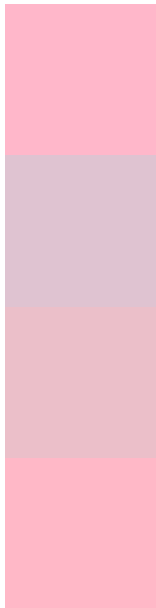
59.4973, 0.3322, 0.3246



Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.3912, 0.3586, 0.3094

Protanomaly

59.3216, 0.3246, 0.3134

Deuteranomaly

59.1408, 0.3412, 0.3181

Tritanomaly

59.6645, 0.3610, 0.3136

Monochromacy



Original Color

59.3912, 0.3586, 0.3094

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.6432, 0.3282, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3912, 0.3586, 0.3094 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, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 202)  
}
```

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, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.3912, 0.3586, 0.3094 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, 183, 202) }
```

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

```
.border{ border-color:rgb(255, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3912, 0.3586, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 202) }
```

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

```
.background{ background-color: rgb(255,  
183, 202) }
```

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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