

Converting Colors

$Yxy(59.6502, 0.3576, 0.3088)$

Have a look what the booklet for
Yxy(59.6502, 0.3576, 0.3088)
contains.

Yxy(59.4388, 0.3578, 0.3084)	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(59.4388, 0.3578, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7CB
RGB	255, 183, 203
RGB Percent	100%, 72%, 80%
CMY	0.0000, 0.2824, 0.2039
CMYK	0.00, 0.28, 0.20, 0.00
HSL	343°, 100%, 86%
HSV	343°, 28%, 100%
XYZ	68.9598, 59.4388, 64.3342
YIQ	206.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

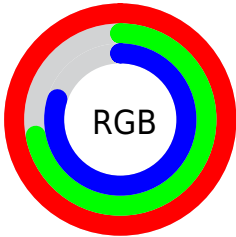
Format	Color
R _Y B	255, 183, 203
Decimal	16758731
CIE Lab	81.53, 28.89, 0.33
CIE LCh	82, 28.890, 0.662
Yxy	59.4388, 0.3578, 0.3084
Android (android.graphics.Color)	4294948811 (0xFFFFB7CB)
YUV	206.8080, -1.8773, 42.2644
Hunter-Lab	77.0966, 24.7421, 4.4923

Details

The Yxy color **59.4388, 0.3578, 0.3084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5848, 0.2815, 0.3508**, and the grayscale version is **62.2581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **29.7408, 0.3693, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **49.0266, 0.3810, 0.3008**, and if you desaturate by 10%, it is **71.8557, 0.3387, 0.3160**.

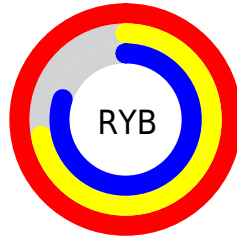
Distribution



Red (100%)

Green (72%)

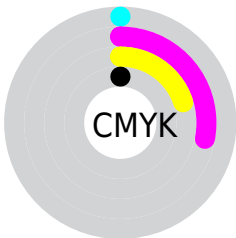
Blue (80%)



Red (100%)

Yellow (72%)

Blue (80%)

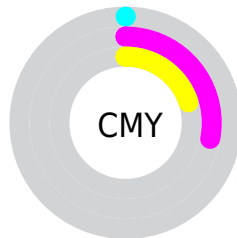


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4388, 0.3578, 0.3084 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 59.4388, 0.3578, 0.3084 by changing the saturation by 10% instead.

 59.4388, 0.3578,
0.3084

 59.4388, 0.3578,
0.3084

422.5261, 0.3362,
0.3183

 42.9665, 0.3629,
0.3060

 104.0151, 0.3501,
0.3119

 29.8588, 0.3694,
0.3031


132.8879, 0.3472,
0.3133

 19.7314, 0.3778,
0.2992


166.6630, 0.3447,
0.3144

 12.2000, 0.3890,
0.2941

205.7247, 0.3425,
0.3154

 6.8800, 0.4048,
0.2867

250.4575, 0.3406,
0.3163

 3.3872, 0.4289,
0.2756


301.2457, 0.3390,

 1.3371, 0.4693,


0.3170


0.2569

358.4738, 0.3375,
0.3177


 0.1696, 0.7236,
0.1416


 0.0000, 0.0000,
0.0000

 59.4388, 0.3578,
0.3084

 59.4388, 0.3578,
0.3084

 49.0266, 0.3810,
0.3008

 71.8557, 0.3387,
0.3160

 40.5201, 0.4089,
0.2938

 86.3837, 0.3232,
0.3233

 33.8003, 0.4414,
0.2882

100.0000, 0.3127,
0.3290

 28.7377, 0.4779,
0.2851

■ 25.1853, 0.5161,
0.2857

■ 22.9696, 0.5526,
0.2908

■ 21.8530, 0.5838,
0.3000

■ 21.7127, 0.5887,
0.3017

Harmonies

Analogous

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



59.4388, 0.3216, 0.2841



59.4388, 0.3578, 0.3084



59.4388, 0.3820, 0.3383

Triad

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



59.4388, 0.3578, 0.3084



59.4388, 0.3378, 0.3956



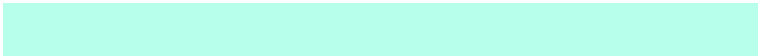
59.4388, 0.2442, 0.2847

Complementary

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



59.4388, 0.3578, 0.3084



87.5848, 0.2815, 0.3508

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.



59.4388, 0.2480, 0.3132



59.4388, 0.3578, 0.3084



59.4388, 0.3007, 0.3808

Square

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



59.4388, 0.3578, 0.3084



59.4388, 0.3694, 0.3896



59.4388, 0.2681, 0.3493



59.4388, 0.2572, 0.2699

Rectangle

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



59.4388, 0.3578, 0.3084



59.4388, 0.3871, 0.3584



59.4388, 0.2681, 0.3493



59.4388, 0.2435, 0.2929

Sweetspot

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



59.4363, 0.3578, 0.3084



86.7550, 0.3229, 0.3235



58.6786, 0.3004, 0.2550



18.0700, 0.3250, 0.3224



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.



59.4363, 0.3578, 0.3084



53.1989, 0.3706, 0.3040



65.3397, 0.3707, 0.3454



18.0700, 0.3250, 0.3224



11.3670, 0.5845, 0.2994



1.1243, 0.5526, 0.2818

Inverse Universe

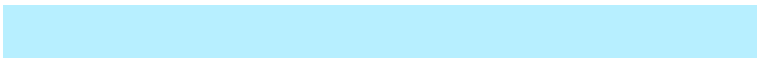
The Inverse Universe completely reimagines the original color for something new.



59.4363, 0.3578, 0.3084



53.1989, 0.3706, 0.3040



79.2534, 0.2698, 0.3119



18.0700, 0.3250, 0.3224



11.3670, 0.5845, 0.2994



1.1243, 0.5526, 0.2818

Previews

White Background



This preview shows how the Yxy color 59.4388, 0.3578, 0.3084 looks on a white background.

Color Contrast Check

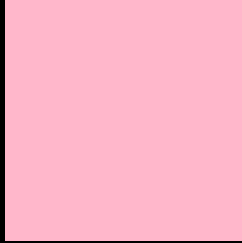
Large Text (above 18pt) WCAG AA × Fail

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 59.4388, 0.3578, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

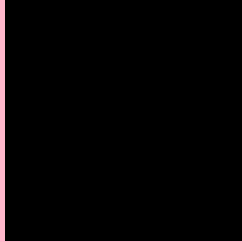
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4388, 0.3578, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 59.4388, 0.3578, 0.3084.

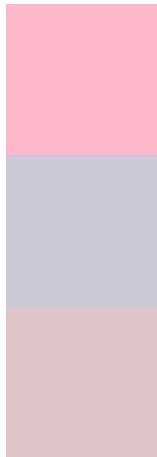


This preview shows how white text looks on a background with the Yxy color 59.4388, 0.3578, 0.3084.

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

59.4388, 0.3578, 0.3084

Protanopia

59.7926, 0.3050, 0.3150

Deuteranopia

59.3849, 0.3307, 0.3234



Tritanopia

59.4290, 0.3610, 0.3145

Trichromacy



Original Color

59.4388, 0.3578, 0.3084



Protanomaly

59.2130, 0.3231, 0.3122



Deuteranomaly

59.1880, 0.3404, 0.3170



Tritanomaly

59.5219, 0.3593, 0.3125

Monochromacy



Original Color

59.4388, 0.3578, 0.3084



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.6917, 0.3274, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4388, 0.3578, 0.3084 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 203) }
```

Border

The CSS property to change the border of an element to Yxy 59.4388, 0.3578, 0.3084 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, 203) }
```

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

```
.border{ border-color:rgb(255, 183, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4388, 0.3578, 0.3084 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
183, 203) }
```

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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