

Converting Colors

$Y_{xy}(59.3471, 0.3745, 0.3310)$

Have a look what the booklet for
Yxy(59.3471, 0.3745, 0.3310)
contains.

Yxy(59.3768, 0.3746, 0.3313)	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(59.3768, 0.3746, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9B7
RGB	255, 185, 183
RGB Percent	100%, 73%, 72%
CMY	0.0000, 0.2745, 0.2824
CMYK	0.00, 0.27, 0.28, 0.00
HSL	2°, 100%, 86%
HSV	2°, 28%, 100%
XYZ	67.1372, 59.3768, 52.7097
YIQ	205.7020, 42.3620, 14.2180

Conversions

Conversions Part 2

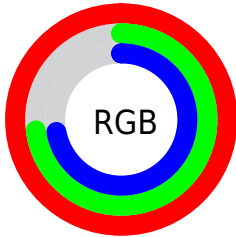
Format	Color
R _Y B	255, 185, 183
Decimal	16759223
CIE Lab	81.50, 25.04, 11.06
CIE LCh	81, 27.375, 23.833
Yxy	59.3768, 0.3746, 0.3313
Android (android.graphics.Color)	4294949303 (0xFFFFB9B7)
YUV	205.7020, -11.1921, 43.2343
Hunter-Lab	77.0563, 20.6738, 13.3827

Details

The Yxy color **59.3768, 0.3746, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5193, 0.2714, 0.3267**, and the grayscale version is **61.5726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4026, 0.3232, 0.3310**, and **29.7146, 0.3913, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **48.9290, 0.4072, 0.3322**, and if you desaturate by 10%, it is **71.8256, 0.3482, 0.3304**.

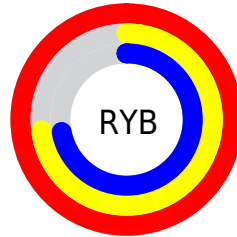
Distribution



Red (100%)

Green (73%)

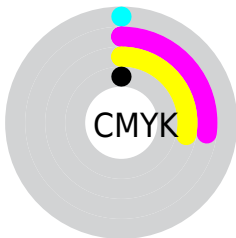
Blue (72%)



Red (100%)

Yellow (73%)

Blue (72%)

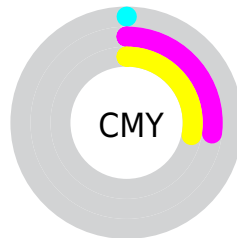


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3768, 0.3746, 0.3313 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 59.3768, 0.3746, 0.3313 by changing the saturation by 10% instead.

 59.3768, 0.3746,
0.3313

 59.3768, 0.3746,
0.3313


422.2968, 0.3446,
0.3309

 42.9165, 0.3818,
0.3312


 103.9251, 0.3639,
0.3313

 29.8196, 0.3908,
0.3310


132.7819, 0.3599,
0.3312

 19.7017, 0.4026,
0.3306


166.5397, 0.3564,
0.3312

 12.1784, 0.4184,
0.3298

205.5828, 0.3534,
0.3311

 6.8653, 0.4408,
0.3281

250.2957, 0.3508,
0.3311

 3.3780, 0.4747,
0.3242


301.0628, 0.3485,

 1.3321, 0.5364,


0.3310


0.3176


358.2683, 0.3464,
0.3309

 0.1659, 0.8226,
0.1774


 0.0000, 0.0000,
0.0000


 59.3768, 0.3746,
0.3313

 59.3768, 0.3746,
0.3313

 48.9290, 0.4072,
0.3322


 71.8256, 0.3482,
0.3304

 40.3758, 0.4464,
0.3329

 86.3698, 0.3270,
0.3296

 33.6043, 0.4914,
0.3335

100.0000, 0.3127,
0.3290

 28.4889, 0.5392,
0.3337

■ 24.8875, 0.5840,
0.3332

■ 22.6340, 0.6182,
0.3322

■ 21.5213, 0.6366,
0.3310

■ 21.4157, 0.6387,
0.3311

Harmonies

Analogous

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



59.3768, 0.3483, 0.3036



59.3768, 0.3746, 0.3313



59.3768, 0.3832, 0.3600

Triad

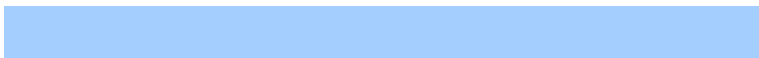
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3768, 0.3746, 0.3313



59.3768, 0.3094, 0.3828



59.3768, 0.2558, 0.2748

Complementary

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



59.3768, 0.3746, 0.3313



87.5193, 0.2714, 0.3267

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.



59.3768, 0.2469, 0.2922



59.3768, 0.3746, 0.3313



59.3768, 0.2767, 0.3558

Square

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



59.3768, 0.3746, 0.3313



59.3768, 0.3443, 0.3924



59.3768, 0.2543, 0.3217



59.3768, 0.2793, 0.2718

Rectangle

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



59.3768, 0.3746, 0.3313



59.3768, 0.3776, 0.3764



59.3768, 0.2543, 0.3217



59.3768, 0.2511, 0.2791

Sweetspot

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



59.3775, 0.3746, 0.3313



86.7512, 0.3265, 0.3296



62.2611, 0.3169, 0.2595



18.0688, 0.3294, 0.3297



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.



59.3775, 0.3746, 0.3313



53.1253, 0.3925, 0.3318



75.9640, 0.3646, 0.3672



18.0688, 0.3294, 0.3297



11.2256, 0.6381, 0.3315



1.1205, 0.6335, 0.3352

Inverse Universe

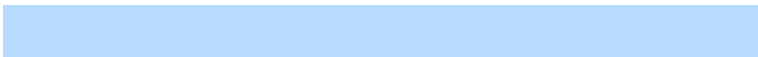
The Inverse Universe completely reimagines the original color for something new.



87.5193, 0.2714, 0.3267



85.5521, 0.2640, 0.3262



67.3181, 0.2672, 0.2874



20.3886, 0.2980, 0.3283



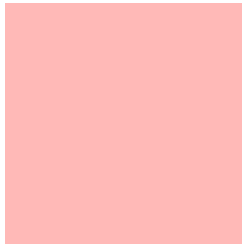
38.8365, 0.2223, 0.3201



3.8079, 0.2226, 0.3212

Previews

White Background



This preview shows how the Yxy color 59.3768, 0.3746, 0.3313 looks on a white background.

Color Contrast Check

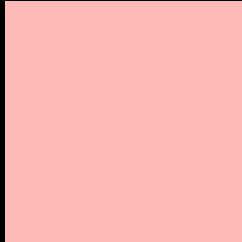
Large Text (above 18pt) WCAG AA × Fail

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 59.3768, 0.3746, 0.3313 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 59.3768, 0.3746, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 59.3768, 0.3746, 0.3313.

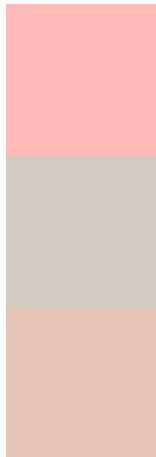


This preview shows how white text looks on a background with the Yxy color 59.3768, 0.3746, 0.3313.

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

59.3768, 0.3746, 0.3313

Protanopia

59.6021, 0.3255, 0.3408

Deuteranopia

59.6390, 0.3522, 0.3460



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.3768, 0.3746, 0.3313

Protanomaly

59.3227, 0.3425, 0.3370

Deuteranomaly

59.4274, 0.3599, 0.3401

Tritanomaly

59.3468, 0.3670, 0.3208

Monochromacy



Original Color

59.3768, 0.3746, 0.3313

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.3127, 0.3335, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3768, 0.3746, 0.3313 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, 185, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 183)  
}
```

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, 185, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 183) }
```

Border

The CSS property to change the border of an element to Yxy 59.3768, 0.3746, 0.3313 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, 185, 183) }
```

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

```
.border{ border-color:rgb(255, 185, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3768, 0.3746, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 183) }
```

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

```
.background{ background-color: rgb(255,  
185, 183) }
```

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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