

Converting Colors

$Y_{xy}(59.3942, 0.3730, 0.3292)$

Have a look what the booklet for
Yxy(59.3942, 0.3730, 0.3292)
contains.

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Color

Yxy(59.4607, 0.3728, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9B9
RGB	255, 185, 185
RGB Percent	100%, 73%, 73%
CMY	0.0001, 0.2744, 0.2745
CMYK	0.00, 0.27, 0.27, 0.00
HSL	0°, 100%, 86%
HSV	0°, 27%, 100%
XYZ	67.3358, 59.4607, 53.8253
YIQ	205.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

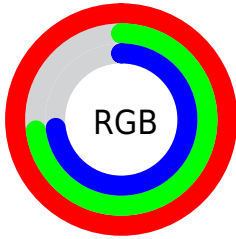
Format	Color
R _Y B	255, 185, 185
Decimal	16759225
CIE Lab	81.54, 25.28, 10.04
CIE LCh	82, 27.203, 21.661
Yxy	59.4607, 0.3728, 0.3292
Android (android.graphics.Color)	4294949305 (0xFFFFB9B9)
YUV	205.9300, -10.3185, 43.0344
Hunter-Lab	77.1108, 20.9286, 12.5916

Details

The Yxy color **59.4607, 0.3728, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0132, 0.2726, 0.3289**, and the grayscale version is **61.7225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5215, 0.3219, 0.3290**, and **29.7689, 0.3889, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **48.7548, 0.4054, 0.3293**, and if you desaturate by 10%, it is **72.2767, 0.3465, 0.3291**.

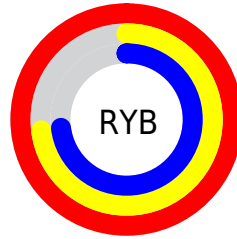
Distribution



Red (100%)

Green (73%)

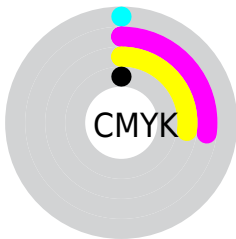
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

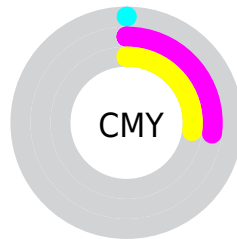


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4607, 0.3728, 0.3292 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 59.4607, 0.3728, 0.3292 by changing the saturation by 10% instead.


 59.4607, 0.3728,
0.3292

 59.4607, 0.3728,
0.3292


422.6071, 0.3437,
0.3297

 42.9841, 0.3798,
0.3289


 104.0469, 0.3624,
0.3295

 29.8726, 0.3885,
0.3285


132.9254, 0.3585,
0.3296

 19.7419, 0.3999,
0.3278


166.7065, 0.3551,
0.3296

 12.2076, 0.4153,
0.3265

205.7748, 0.3522,
0.3297

 6.8852, 0.4370,
0.3243

250.5146, 0.3497,
0.3297

 3.3904, 0.4700,
0.3199

301.3103, 0.3475,

 1.3388, 0.5282,

0.3297

0.3114

358.5463, 0.3455,
0.3297

0.1709, 0.8202,
0.1798

0.0000, 0.0000,
0.0000

59.4607, 0.3728,
0.3292

59.4607, 0.3728,
0.3292

48.7548, 0.4054,
0.3293

72.2767, 0.3465,
0.3291

40.0381, 0.4448,
0.3294

87.2985, 0.3255,
0.3290

33.1906, 0.4904,
0.3296

99.9932, 0.3127,
0.3290

28.0757, 0.5389,
0.3297

■ 24.5384, 0.5843,
0.3298

■ 22.3960, 0.6188,
0.3299

■ 21.4110, 0.6370,
0.3300

■ 21.2552, 0.6401,
0.3300

Harmonies

Analogous

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



59.4607, 0.3457, 0.3019



59.4607, 0.3728, 0.3292



59.4607, 0.3828, 0.3579

Triad

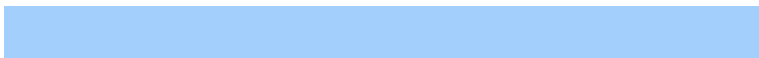
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.4607, 0.3728, 0.3292



59.4607, 0.3120, 0.3838



59.4607, 0.2550, 0.2760

Complementary

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



59.4607, 0.3728, 0.3292



89.0132, 0.2726, 0.3289

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.



59.4607, 0.2473, 0.2942



59.4607, 0.3728, 0.3292



59.4607, 0.2790, 0.3580

Square

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



59.4607, 0.3728, 0.3292



59.4607, 0.3464, 0.3919



59.4607, 0.2558, 0.3242



59.4607, 0.2774, 0.2719

Rectangle

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



59.4607, 0.3728, 0.3292



59.4607, 0.3782, 0.3745



59.4607, 0.2558, 0.3242



59.4607, 0.2507, 0.2805

Sweetspot

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



59.4635, 0.3728, 0.3292



86.4271, 0.3266, 0.3290



63.1681, 0.3159, 0.2605



17.9881, 0.3295, 0.3291



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.



59.4635, 0.3728, 0.3292



53.2750, 0.3901, 0.3293



75.9325, 0.3632, 0.3649



17.9881, 0.3295, 0.3291



11.1103, 0.6400, 0.3300



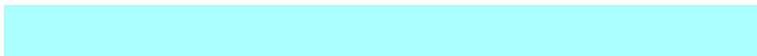
1.0821, 0.6400, 0.3300

Inverse Universe

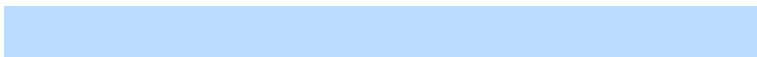
The Inverse Universe completely reimagines the original color for something new.



89.0132, 0.2726, 0.3289



87.3621, 0.2656, 0.3288



68.7083, 0.2687, 0.2901



20.4803, 0.2980, 0.3289



41.1138, 0.2246, 0.3286



4.0034, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 59.4607, 0.3728, 0.3292 looks on a white background.

Color Contrast Check

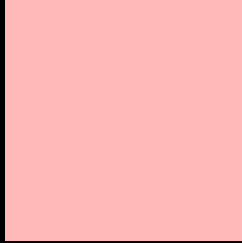
Large Text (above 18pt) WCAG AA × Fail

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 59.4607, 0.3728, 0.3292 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 59.4607, 0.3728, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 59.4607, 0.3728, 0.3292.

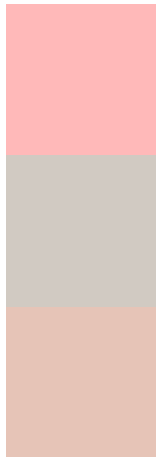


This preview shows how white text looks on a background with the Yxy color 59.4607, 0.3728, 0.3292.

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

59.4607, 0.3728, 0.3292

Protanopia

59.6914, 0.3240, 0.3384

Deuteranopia

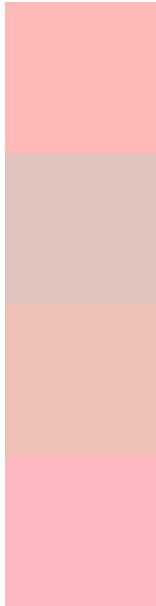
59.7217, 0.3506, 0.3437



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.4607, 0.3728, 0.3292

Protanomaly

59.4102, 0.3409, 0.3347

Deuteranomaly

59.5107, 0.3583, 0.3379

Tritanomaly

59.3912, 0.3662, 0.3198

Monochromacy



Original Color

59.4607, 0.3728, 0.3292

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 59.4607, 0.3728, 0.3292 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, 185)` looks like.

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

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, 185) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 59.4607, 0.3728, 0.3292 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, 185) }
```

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

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

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, 185)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 59.4607, 0.3728, 0.3292 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, 185) }
```

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

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

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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