

Converting Colors

$Y_{xy}(59.7723, 0.3743, 0.3259)$

Have a look what the booklet for
Yxy(59.7723, 0.3743, 0.3259)
contains.

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Color

Yxy(59.1288, 0.3714, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BB
RGB	255, 184, 187
RGB Percent	100%, 72%, 73%
CMY	0.0000, 0.2785, 0.2666
CMYK	0.00, 0.28, 0.27, 0.00
HSL	357°, 100%, 86%
HSV	357°, 28%, 100%
XYZ	67.3633, 59.1288, 54.8846
YIQ	205.5710, 41.3530, 15.9850

Conversions

Conversions Part 2

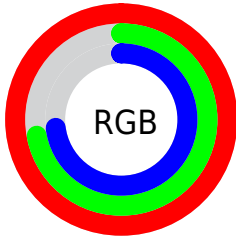
Format	Color
R _Y B	255, 184, 187
Decimal	16758971
CIE Lab	81.36, 26.13, 8.70
CIE LCh	81, 27.535, 18.411
Yxy	59.1288, 0.3714, 0.3260
Android (android.graphics.Color)	4294949051 (0xFFFFB8BB)
YUV	205.5710, -9.1555, 43.3492
Hunter-Lab	76.8953, 21.8064, 11.5080

Details

The Yxy color **59.1288, 0.3714, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7348, 0.2736, 0.3321**, and the grayscale version is **61.4670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0512, 0.3208, 0.3261**, and **29.5568, 0.3869, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **48.5096, 0.4027, 0.3249**, and if you desaturate by 10%, it is **71.8238, 0.3460, 0.3271**.

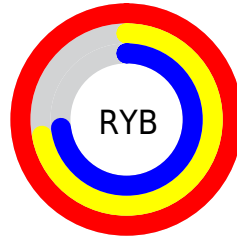
Distribution



Red (100%)

Green (72%)

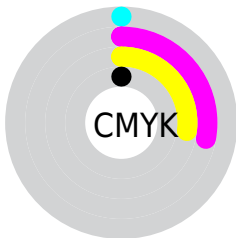
Blue (73%)



Red (100%)

Yellow (72%)

Blue (73%)

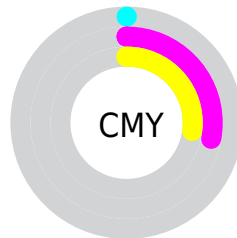


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1288, 0.3714, 0.3260 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 59.1288, 0.3714, 0.3260 by changing the saturation by 10% instead.


 59.1288, 0.3714,
0.3260

 59.1288, 0.3714,
0.3260


421.3791, 0.3430,
0.3280

 42.7168, 0.3782,
0.3254


 103.5648, 0.3613,
0.3268

 29.6630, 0.3868,
0.3245


132.3577, 0.3574,
0.3271

 19.5829, 0.3979,
0.3233


166.0463, 0.3541,
0.3273

 12.0922, 0.4130,
0.3215

205.0150, 0.3513,
0.3275

 6.8065, 0.4343,
0.3184

249.6482, 0.3488,
0.3277

 3.3414, 0.4668,
0.3128

300.3304, 0.3466,

 1.3125, 0.5230,

0.3278

0.3019

357.4459, 0.3447,
0.3279

0.1508, 0.8382,
0.1618

0.0000, 0.0000,
0.0000

59.1288, 0.3714,
0.3260

59.1288, 0.3714,
0.3260

48.5096, 0.4027,
0.3249

71.8238, 0.3460,
0.3271

39.8715, 0.4407,
0.3240

86.7148, 0.3257,
0.3282

33.0867, 0.4846,
0.3235

100.0000, 0.3127,
0.3290

28.0198, 0.5320,
0.3235

■ 24.5167, 0.5773,
0.3244

■ 22.3961, 0.6133,
0.3261

■ 21.4169, 0.6343,
0.3282

■ 21.2839, 0.6371,
0.3283

Harmonies

Analogous

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



59.1288, 0.3424, 0.2989



59.1288, 0.3714, 0.3260



59.1288, 0.3837, 0.3552

Triad

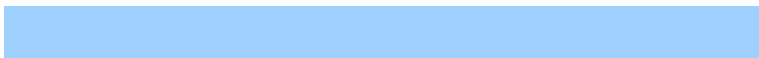
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1288, 0.3714, 0.3260



59.1288, 0.3158, 0.3864



59.1288, 0.2526, 0.2766

Complementary

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



59.1288, 0.3714, 0.3260



88.7348, 0.2736, 0.3321

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.



59.1288, 0.2466, 0.2965



59.1288, 0.3714, 0.3260



59.1288, 0.2818, 0.3619

Square

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



59.1288, 0.3714, 0.3260



59.1288, 0.3503, 0.3925



59.1288, 0.2569, 0.3278



59.1288, 0.2738, 0.2709

Rectangle

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



59.1288, 0.3714, 0.3260



59.1288, 0.3804, 0.3726



59.1288, 0.2569, 0.3278



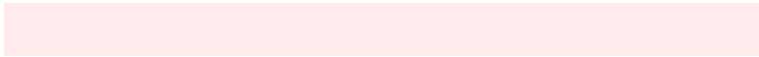
59.1288, 0.2488, 0.2817

Sweetspot

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



59.1232, 0.3714, 0.3260



86.4733, 0.3260, 0.3282



62.0874, 0.3132, 0.2589



17.9996, 0.3288, 0.3280



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.



59.1232, 0.3714, 0.3260



53.4024, 0.3867, 0.3254



73.8019, 0.3650, 0.3620



17.9996, 0.3288, 0.3280



11.1267, 0.6358, 0.3276



1.0876, 0.6257, 0.3220

Inverse Universe

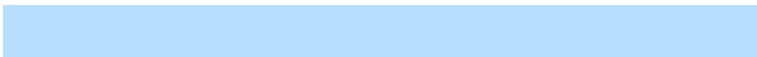
The Inverse Universe completely reimagines the original color for something new.



59.1232, 0.3714, 0.3260



53.4024, 0.3867, 0.3254



70.2069, 0.2685, 0.2935



17.9996, 0.3288, 0.3280



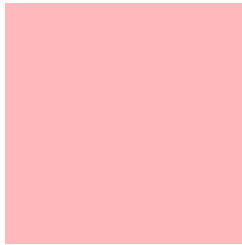
11.1267, 0.6358, 0.3276



1.0876, 0.6257, 0.3220

Previews

White Background



This preview shows how the Yxy color 59.1288, 0.3714, 0.3260 looks on a white background.

Color Contrast Check

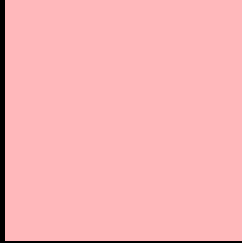
Large Text (above 18pt) WCAG AA × Fail

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 59.1288, 0.3714, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

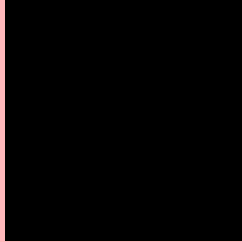
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1288, 0.3714, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 59.1288, 0.3714, 0.3260.

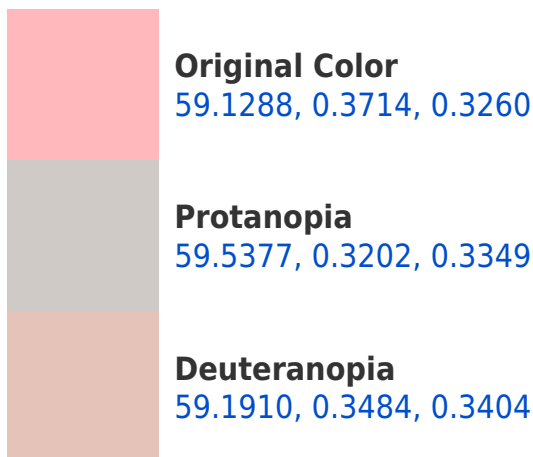


This preview shows how white text looks on a background with the Yxy color 59.1288, 0.3714, 0.3260.

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

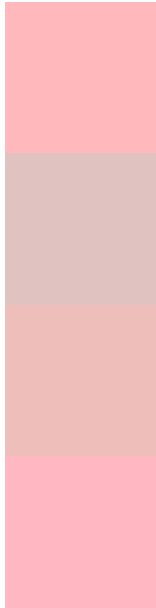




Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.1288, 0.3714, 0.3260

Protanomaly

58.7278, 0.3379, 0.3313

Deuteranomaly

58.9839, 0.3560, 0.3346

Tritanomaly

58.9772, 0.3664, 0.3187

Monochromacy



Original Color

59.1288, 0.3714, 0.3260

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.3590, 0.3327, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1288, 0.3714, 0.3260 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, 184, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 187)  
}
```

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, 184, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 187) }
```

Border

The CSS property to change the border of an element to Yxy 59.1288, 0.3714, 0.3260 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, 184, 187) }
```

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

```
.border{ border-color:rgb(255, 184, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1288, 0.3714, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 187) }
```

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

```
.background{ background-color: rgb(255,  
184, 187) }
```

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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