

Converting Colors

$Y_{xy}(71.3910, 0.3929, 0.3012)$

Have a look what the booklet for
Yxy(71.3910, 0.3929, 0.3012)
contains.

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Color

Yxy(59.5709, 0.3486, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6D6
RGB	255, 182, 214
RGB Percent	100%, 71%, 84%
CMY	0.0000, 0.2863, 0.1607
CMYK	0.00, 0.29, 0.16, 0.00
HSL	334°, 100%, 86%
HSV	334°, 29%, 100%
XYZ	70.1094, 59.5709, 71.4368
YIQ	207.4750, 33.2360, 25.4280

Conversions

Conversions Part 2

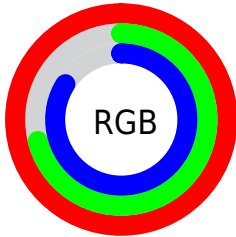
Format	Color
R _Y B	255, 182, 214
Decimal	16758486
CIE Lab	81.60, 31.06, -5.50
CIE LCh	82, 31.544, 349.952
Yxy	59.5709, 0.3486, 0.2962
Android (android.graphics.Color)	4294948566 (0xFFFFB6D6)
YUV	207.4750, 3.2168, 41.6794
Hunter-Lab	77.1822, 27.0740, -0.8490

Details

The Yxy color **59.5709, 0.3486, 0.2962** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.7916, 0.2871, 0.3645**, and the grayscale version is **62.6830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.8119, 0.3578, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **49.3619, 0.3664, 0.2843**, and if you desaturate by 10%, it is **71.7488, 0.3338, 0.3081**.

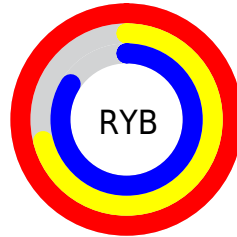
Distribution



Red (100%)

Green (71%)

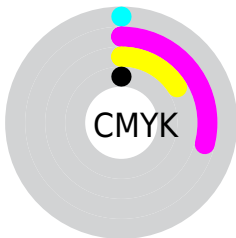
Blue (84%)



Red (100%)

Yellow (71%)

Blue (84%)

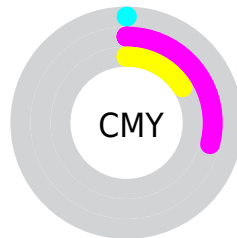


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5709, 0.3486, 0.2962 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 59.5709, 0.3486, 0.2962 by changing the saturation by 10% instead.

 59.5709, 0.3486,
0.2962

 59.5709, 0.3486,
0.2962

423.0143, 0.3316,
0.3116

 43.0729, 0.3526,
0.2926


 104.2070, 0.3426,
0.3016

 29.9423, 0.3576,
0.2882


133.1138, 0.3403,
0.3036

 19.7948, 0.3640,
0.2826


166.9256, 0.3383,
0.3054

 12.2460, 0.3725,
0.2752

206.0269, 0.3366,
0.3070

 6.9114, 0.3844,
0.2650

250.8020, 0.3351,
0.3083

 3.4068, 0.4022,
0.2501

301.6354, 0.3338,

 1.3476, 0.4314,

0.3095

0.2263

358.9113, 0.3326,
0.3106

0.1776, 0.5517,
0.1054

0.0000, 0.0000,
0.0000

59.5709, 0.3486,
0.2962

59.5709, 0.3486,
0.2962

49.3619, 0.3664,
0.2843

71.7488, 0.3338,
0.3081

41.0123, 0.3873,
0.2732

85.9881, 0.3215,
0.3196

34.4089, 0.4115,
0.2637

100.0000, 0.3127,
0.3290

29.4239, 0.4385,
0.2571

■ 25.9119, 0.4671,
0.2548

■ 23.7010, 0.4959,
0.2578

■ 22.5470, 0.5229,
0.2661

■ 22.4268, 0.5265,
0.2674

Harmonies

Analogous

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



59.5709, 0.3074, 0.2735



59.5709, 0.3486, 0.2962



59.5709, 0.3812, 0.3269

Triad

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



59.5709, 0.3486, 0.2962



59.5709, 0.3534, 0.4019



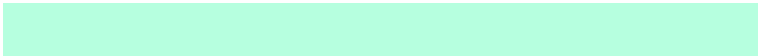
59.5709, 0.2377, 0.2901

Complementary

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



59.5709, 0.3486, 0.2962



86.7916, 0.2871, 0.3645

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.



59.5709, 0.2483, 0.3252



59.5709, 0.3486, 0.2962



59.5709, 0.3138, 0.3942

Square

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



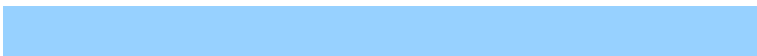
59.5709, 0.3486, 0.2962



59.5709, 0.3833, 0.3878



59.5709, 0.2755, 0.3649



59.5709, 0.2454, 0.2686

Rectangle

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



59.5709, 0.3486, 0.2962



59.5709, 0.3923, 0.3490



59.5709, 0.2755, 0.3649



59.5709, 0.2392, 0.3006

Sweetspot

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



59.5724, 0.3486, 0.2962



85.4193, 0.3219, 0.3192



56.2294, 0.2910, 0.2519



17.8141, 0.3236, 0.3175



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.



59.5724, 0.3486, 0.2962



53.8486, 0.3578, 0.2898



59.6082, 0.3752, 0.3330



18.1195, 0.3225, 0.3186



11.7473, 0.5224, 0.2651



1.1653, 0.4938, 0.2494

Inverse Universe

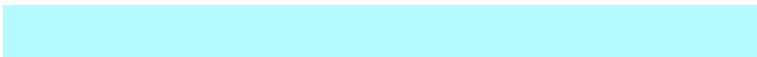
The Inverse Universe completely reimagines the original color for something new.



59.5724, 0.3486, 0.2962



53.8486, 0.3578, 0.2898



86.3784, 0.2707, 0.3250



18.1195, 0.3225, 0.3186



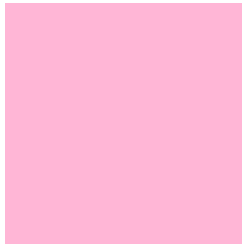
11.7473, 0.5224, 0.2651



1.1653, 0.4938, 0.2494

Previews

White Background



This preview shows how the Yxy color 59.5709, 0.3486, 0.2962 looks on a white background.

Color Contrast Check

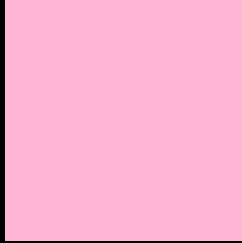
Large Text (above 18pt) WCAG AA × Fail

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 59.5709, 0.3486, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

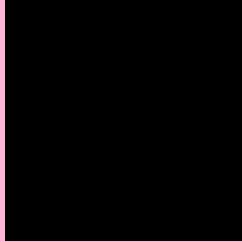
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5709, 0.3486, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 59.5709, 0.3486, 0.2962.



This preview shows how white text looks on a background with the Yxy color 59.5709, 0.3486, 0.2962.

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

59.5709, 0.3486, 0.2962

Protanopia

60.0114, 0.2946, 0.3014

Deuteranopia

59.6957, 0.3198, 0.3132



Tritanopia

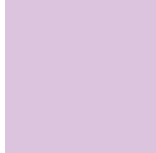
59.7041, 0.3591, 0.3145

Trichromacy



Original Color

59.5709, 0.3486, 0.2962



Protanomaly

59.5198, 0.3126, 0.2990



Deuteranomaly

59.6085, 0.3299, 0.3072



Tritanomaly

59.7114, 0.3559, 0.3084

Monochromacy



Original Color

59.5709, 0.3486, 0.2962



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.8886, 0.3244, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5709, 0.3486, 0.2962 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, 182, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 214)  
}
```

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, 182, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 214) }
```

Border

The CSS property to change the border of an element to Yxy 59.5709, 0.3486, 0.2962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

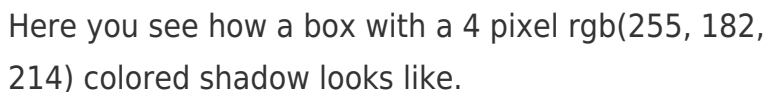
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 214) }
```

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

```
.border{ border-color:rgb(255, 182, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 182, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5709, 0.3486, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 214) }
```

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

```
.background{ background-color: rgb(255,  
182, 214) }
```

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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