

Converting Colors

Yxy(59.6527, 0.3722, 0.3290)

Have a look what the booklet for
Yxy(59.6527, 0.3722, 0.3290)
contains.

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Color

Yxy(59.5031, 0.3720, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9BA
RGB	255, 185, 186
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2746, 0.2705
CMYK	0.00, 0.27, 0.27, 0.00
HSL	359°, 100%, 86%
HSV	359°, 27%, 100%
XYZ	67.4647, 59.5031, 54.3888
YIQ	206.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

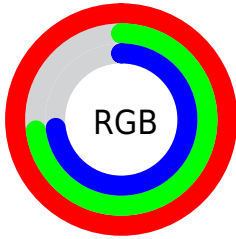
Format	Color
R _Y B	255, 185, 186
Decimal	16759226
CIE Lab	81.57, 25.47, 9.53
CIE LCh	82, 27.191, 20.518
Yxy	59.5031, 0.3720, 0.3281
Android (android.graphics.Color)	4294949306 (0xFFFFB9BA)
YUV	206.0440, -9.8817, 42.9344
Hunter-Lab	77.1383, 21.1231, 12.1924

Details

The Yxy color **59.5031, 0.3720, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9867, 0.2731, 0.3300**, and the grayscale version is **61.7898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5814, 0.3213, 0.3281**, and **29.7964, 0.3877, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **48.7927, 0.4041, 0.3278**, and if you desaturate by 10%, it is **72.3033, 0.3461, 0.3284**.

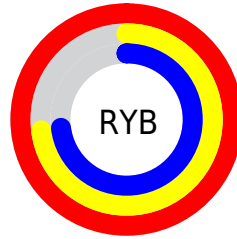
Distribution



Red (100%)

Green (73%)

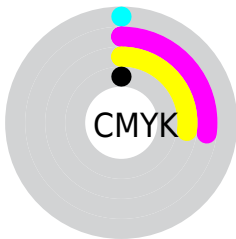
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

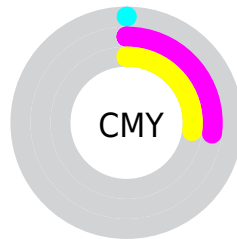


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5031, 0.3720, 0.3281 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 59.5031, 0.3720, 0.3281 by changing the saturation by 10% instead.


 59.5031, 0.3720,
0.3281

 59.5031, 0.3720,
0.3281


422.7638, 0.3433,
0.3291

 43.0182, 0.3789,
0.3277


 104.1085, 0.3618,
0.3286

 29.8994, 0.3875,
0.3271


132.9979, 0.3579,
0.3287

 19.7623, 0.3988,
0.3263

166.7908, 0.3546,
0.3288

 12.2224, 0.4139,
0.3248

205.8718, 0.3517,
0.3289

 6.8953, 0.4353,
0.3224

250.6252, 0.3492,
0.3290

 3.3967, 0.4679,
0.3176

301.4354, 0.3470,

 1.3422, 0.5246,

0.3290

0.3082

358.6868, 0.3450,
0.3291

0.1735, 0.8193,
0.1807

0.0000, 0.0000,
0.0000

59.5031, 0.3720,
0.3281

59.5031, 0.3720,
0.3281

48.7927, 0.4041,
0.3278

72.3033, 0.3461,
0.3284

40.0769, 0.4429,
0.3276

87.3141, 0.3254,
0.3288

33.2274, 0.4879,
0.3275

100.0000, 0.3127,
0.3290

28.1082, 0.5360,
0.3276

■ 24.5647, 0.5816,
0.3280

■ 22.4151, 0.6168,
0.3287

■ 21.4230, 0.6361,
0.3294

■ 21.2682, 0.6390,
0.3294

Harmonies

Analogous

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



59.5031, 0.3444, 0.3010



59.5031, 0.3720, 0.3281



59.5031, 0.3827, 0.3568

Triad

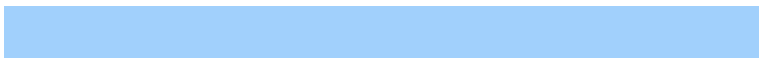
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5031, 0.3720, 0.3281



59.5031, 0.3133, 0.3844



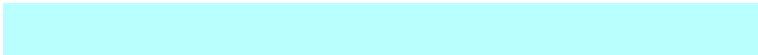
59.5031, 0.2544, 0.2764

Complementary

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



59.5031, 0.3720, 0.3281



88.9867, 0.2731, 0.3300

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.



59.5031, 0.2474, 0.2952



59.5031, 0.3720, 0.3281



59.5031, 0.2802, 0.3592

Square

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



59.5031, 0.3720, 0.3281



59.5031, 0.3476, 0.3917



59.5031, 0.2565, 0.3255



59.5031, 0.2764, 0.2718

Rectangle

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



59.5031, 0.3720, 0.3281



59.5031, 0.3786, 0.3736



59.5031, 0.2565, 0.3255



59.5031, 0.2503, 0.2812

Sweetspot

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



59.4975, 0.3720, 0.3281



86.4402, 0.3264, 0.3287



62.9512, 0.3150, 0.2602



17.9914, 0.3292, 0.3287



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.



59.4975, 0.3720, 0.3281



53.3109, 0.3889, 0.3279



75.3344, 0.3635, 0.3638



17.9914, 0.3292, 0.3287



11.1149, 0.6386, 0.3292



1.0837, 0.6350, 0.3272

Inverse Universe

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



59.4975, 0.3720, 0.3281



53.3109, 0.3889, 0.3279



69.3298, 0.2688, 0.2914



17.9914, 0.3292, 0.3287



11.1149, 0.6386, 0.3292



1.0837, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 59.5031, 0.3720, 0.3281 looks on a white background.

Color Contrast Check

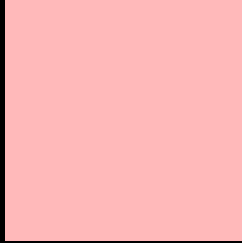
Large Text (above 18pt) WCAG AA × Fail

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 59.5031, 0.3720, 0.3281 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 59.5031, 0.3720, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 59.5031, 0.3720, 0.3281.



This preview shows how white text looks on a background with the Yxy color 59.5031, 0.3720, 0.3281.

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

59.5031, 0.3720, 0.3281

Protanopia

59.5911, 0.3225, 0.3372

Deuteranopia

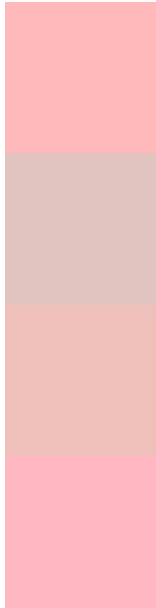
59.7635, 0.3498, 0.3426



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.5031, 0.3720, 0.3281

Protanomaly

59.2932, 0.3393, 0.3336

Deuteranomaly

59.5528, 0.3574, 0.3368

Tritanomaly

59.3912, 0.3662, 0.3198

Monochromacy



Original Color

59.5031, 0.3720, 0.3281

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 59.5031, 0.3720, 0.3281 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.5031, 0.3720, 0.3281 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, 186) }
```

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

```
.border{ border-color:rgb(255, 185, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5031, 0.3720, 0.3281 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
185, 186) }
```

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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