

Converting Colors

Yxy(57.1455, 0.3677, 0.3143)

Have a look what the booklet for
Yxy(57.1455, 0.3677, 0.3143)
contains.

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Color

Yxy(57.3505, 0.3674, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C1
RGB	255, 179, 193
RGB Percent	100%, 70%, 76%
CMY	0.0000, 0.2981, 0.2430
CMYK	0.00, 0.30, 0.24, 0.00
HSL	349°, 100%, 85%
HSV	349°, 30%, 100%
XYZ	66.9971, 57.3505, 58.0070
YIQ	203.3200, 40.8020, 20.4660

Conversions

Conversions Part 2

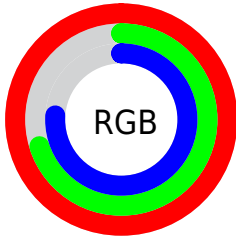
Format	Color
R _Y B	255, 179, 193
Decimal	16757697
CIE Lab	80.38, 29.57, 4.03
CIE LCh	80, 29.841, 7.769
Yxy	57.3505, 0.3674, 0.3145
Android (android.graphics.Color)	4294947777 (0xFFFFB3C1)
YUV	203.3200, -5.0878, 45.3234
Hunter-Lab	75.7301, 25.3880, 7.5967

Details

The Yxy color **57.3505, 0.3674, 0.3145** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4507, 0.2764, 0.3442**, and the grayscale version is **59.9424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5162, 0.3174, 0.3154**, and **28.6855, 0.3812, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **47.1903, 0.3947, 0.3095**, and if you desaturate by 10%, it is **69.5239, 0.3450, 0.3196**.

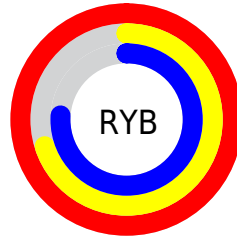
Distribution



Red (100%)

Green (70%)

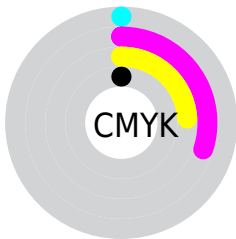
Blue (76%)



Red (100%)

Yellow (70%)

Blue (76%)

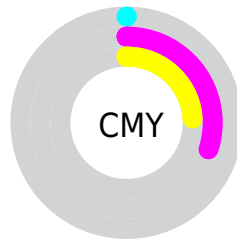


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3505, 0.3674, 0.3145 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 57.3505, 0.3674, 0.3145 by changing the saturation by 10% instead.


 57.3505, 0.3674,
0.3145

 57.3505, 0.3674,
0.3145


414.7614, 0.3409,
0.3218

 41.2867, 0.3738,
0.3127


 100.9764, 0.3579,
0.3171

 28.5432, 0.3818,
0.3104


129.3074, 0.3543,
0.3181

 18.7355, 0.3923,
0.3073


162.4961, 0.3513,
0.3190

 11.4793, 0.4064,
0.3030

200.9271, 0.3486,
0.3197

 6.3902, 0.4266,
0.2967

244.9848, 0.3463,
0.3203

 3.0838, 0.4576,
0.2867

295.0534, 0.3443,

 1.1756, 0.5104,

0.3209

0.2684

351.5175, 0.3425,
0.3214

0.0417, 0.9481,
0.0519

0.0000, 0.0000,
0.0000

57.3505, 0.3674,
0.3145

57.3505, 0.3674,
0.3145

47.1903, 0.3947,
0.3095

69.5239, 0.3450,
0.3196

38.9442, 0.4276,
0.3051

83.8225, 0.3270,
0.3245

32.4885, 0.4658,
0.3020

100.0000, 0.3127,
0.3290

27.6891, 0.5077,
0.3010

■ 24.3932, 0.5498,
0.3031

■ 22.4192, 0.5870,
0.3085

■ 21.4799, 0.6148,
0.3162

■ 21.4661, 0.6153,
0.3163

Harmonies

Analogous

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



57.3505, 0.3314, 0.2874



57.3505, 0.3674, 0.3145



57.3505, 0.3882, 0.3461

Triad

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



57.3505, 0.3674, 0.3145



57.3505, 0.3298, 0.3971



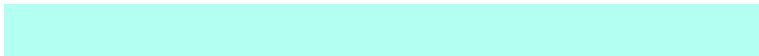
57.3505, 0.2429, 0.2776

Complementary

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



57.3505, 0.3674, 0.3145



87.4507, 0.2764, 0.3442

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.



57.3505, 0.2427, 0.3043



57.3505, 0.3674, 0.3145



57.3505, 0.2912, 0.3767

Square

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



57.3505, 0.3674, 0.3145



57.3505, 0.3651, 0.3956



57.3505, 0.2598, 0.3411



57.3505, 0.2604, 0.2661

Rectangle

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



57.3505, 0.3674, 0.3145



57.3505, 0.3900, 0.3666



57.3505, 0.2598, 0.3411



57.3505, 0.2409, 0.2849

Sweetspot

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



57.3470, 0.3674, 0.3145



85.0743, 0.3257, 0.3249



57.9453, 0.3044, 0.2518



17.7295, 0.3281, 0.3242



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.



57.3470, 0.3674, 0.3145



50.8272, 0.3837, 0.3114



66.6576, 0.3729, 0.3529



18.0419, 0.3265, 0.3246



11.2321, 0.6119, 0.3144



1.1076, 0.5829, 0.2985

Inverse Universe

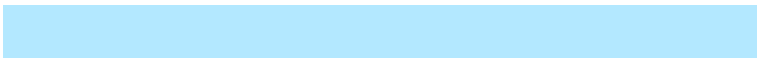
The Inverse Universe completely reimagines the original color for something new.



57.3470, 0.3674, 0.3145



50.8272, 0.3837, 0.3114



74.6262, 0.2668, 0.3037



18.0419, 0.3265, 0.3246



11.2321, 0.6119, 0.3144



1.1076, 0.5829, 0.2985

Previews

White Background



This preview shows how the Yxy color 57.3505, 0.3674, 0.3145 looks on a white background.

Color Contrast Check

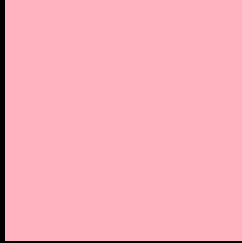
Large Text (above 18pt) WCAG AA × Fail

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 57.3505, 0.3674, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

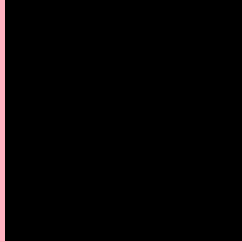
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3505, 0.3674, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 57.3505, 0.3674, 0.3145.



This preview shows how white text looks on a background with the Yxy color 57.3505, 0.3674, 0.3145.

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

57.3505, 0.3674, 0.3145

Protanopia

57.7630, 0.3114, 0.3231

Deuteranopia

57.5456, 0.3397, 0.3325



Tritanopia

57.3505, 0.3674, 0.3145

Trichromacy



Original Color

57.3505, 0.3674, 0.3145



Protanomaly

57.2416, 0.3303, 0.3199



Deuteranomaly

57.3902, 0.3500, 0.3258



Tritanomaly

57.3505, 0.3674, 0.3145

Monochromacy



Original Color

57.3505, 0.3674, 0.3145



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.2367, 0.3316, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3505, 0.3674, 0.3145 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, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 193)  
}
```

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, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 193) }
```

Border

The CSS property to change the border of an element to Yxy 57.3505, 0.3674, 0.3145 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, 179, 193) }
```

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

```
.border{ border-color:rgb(255, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3505, 0.3674, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 193) }
```

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

```
.background{ background-color: rgb(255,  
179, 193) }
```

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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