

Converting Colors

Yxy(57.2682, 0.3652, 0.3113)

Have a look what the booklet for
Yxy(57.2682, 0.3652, 0.3113)
contains.

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Color

Yxy(57.4857, 0.3647, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C4
RGB	255, 179, 196
RGB Percent	100%, 70%, 77%
CMY	0.0000, 0.2980, 0.2312
CMYK	0.00, 0.30, 0.23, 0.00
HSL	347°, 100%, 85%
HSV	347°, 30%, 100%
XYZ	67.3251, 57.4857, 59.7933
YIQ	203.6620, 39.8390, 21.3990

Conversions

Conversions Part 2

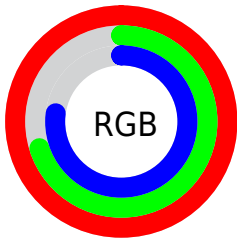
Format	Color
R _Y B	255, 179, 196
Decimal	16757700
CIE Lab	80.45, 29.97, 2.52
CIE LCh	80, 30.071, 4.801
Yxy	57.4857, 0.3647, 0.3114
Android (android.graphics.Color)	4294947780 (0xFFFFB3C4)
YUV	203.6620, -3.7774, 45.0234
Hunter-Lab	75.8193, 25.8184, 6.3158

Details

The Yxy color **57.4857, 0.3647, 0.3114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2707, 0.2779, 0.3476**, and the grayscale version is **60.1672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7685, 0.3149, 0.3116**, and **28.7450, 0.3787, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **47.3519, 0.3906, 0.3053**, and if you desaturate by 10%, it is **69.6335, 0.3435, 0.3176**.

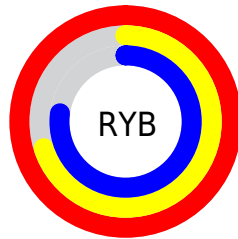
Distribution



Red (100%)

Green (70%)

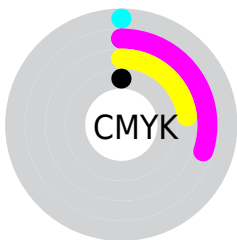
Blue (77%)



Red (100%)

Yellow (70%)

Blue (77%)

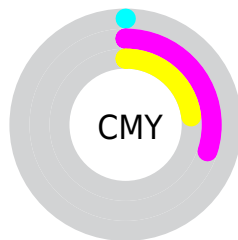


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4857, 0.3647, 0.3114 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 57.4857, 0.3647, 0.3114 by changing the saturation by 10% instead.


 57.4857, 0.3647,
0.3114

 57.4857, 0.3647,
0.3114


415.2668, 0.3395,
0.3201

 41.3953, 0.3707,
0.3093


 101.1735, 0.3557,
0.3145

 28.6281, 0.3783,
0.3066


129.5398, 0.3523,
0.3157

 18.7997, 0.3882,
0.3031


162.7668, 0.3494,
0.3167

 11.5256, 0.4016,
0.2982

201.2389, 0.3469,
0.3176

 6.4215, 0.4206,
0.2912

245.3406, 0.3447,
0.3183

 3.1031, 0.4497,
0.2803


295.4562, 0.3428,

 1.1858, 0.4994,

0.3190


0.2609


351.9701, 0.3411,
0.3196


 0.0500, 0.9396,
0.0604


 0.0000, 0.0000,
0.0000

 57.4857, 0.3647,
0.3114

 57.4857, 0.3647,
0.3114

 47.3519, 0.3906,
0.3053


 69.6335, 0.3435,
0.3176

 39.1151, 0.4217,
0.2999

 83.8879, 0.3263,
0.3235

 32.6587, 0.4578,
0.2959

99.9987, 0.3127,
0.3290

 27.8496, 0.4976,
0.2943

■ 24.5363, 0.5383,
0.2961

■ 22.5384, 0.5753,
0.3019

■ 21.5707, 0.6046,
0.3106

■ 21.5556, 0.6051,
0.3107

Harmonies

Analogous

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



57.4857, 0.3275, 0.2849



57.4857, 0.3647, 0.3114



57.4857, 0.3876, 0.3430

Triad

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



57.4857, 0.3647, 0.3114



57.4857, 0.3337, 0.3984



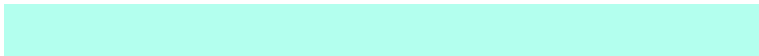
57.4857, 0.2417, 0.2793

Complementary

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



57.4857, 0.3647, 0.3114



87.2707, 0.2779, 0.3476

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.



57.4857, 0.2432, 0.3074



57.4857, 0.3647, 0.3114



57.4857, 0.2948, 0.3799

Square

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



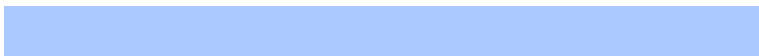
57.4857, 0.3647, 0.3114



57.4857, 0.3684, 0.3948



57.4857, 0.2620, 0.3450



57.4857, 0.2576, 0.2661

Rectangle

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



57.4857, 0.3647, 0.3114



57.4857, 0.3909, 0.3639



57.4857, 0.2620, 0.3450



57.4857, 0.2402, 0.2871

Sweetspot

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



57.4884, 0.3647, 0.3114



85.1271, 0.3251, 0.3240



57.5118, 0.3024, 0.2514



17.7424, 0.3274, 0.3231



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.



57.4884, 0.3647, 0.3114



50.9767, 0.3802, 0.3076



65.4843, 0.3737, 0.3503



18.0537, 0.3259, 0.3237



11.2822, 0.6013, 0.3086



1.1141, 0.5706, 0.2917

Inverse Universe

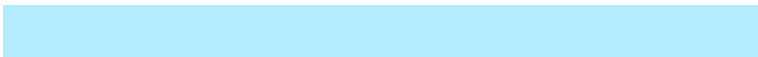
The Inverse Universe completely reimagines the original color for something new.



57.4884, 0.3647, 0.3114



50.9767, 0.3802, 0.3076



76.0660, 0.2671, 0.3066



18.0537, 0.3259, 0.3237



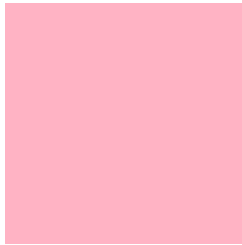
11.2822, 0.6013, 0.3086



1.1141, 0.5706, 0.2917

Previews

White Background



This preview shows how the Yxy color 57.4857, 0.3647, 0.3114 looks on a white background.

Color Contrast Check

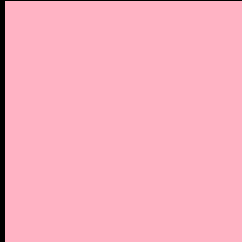
Large Text (above 18pt) WCAG AA × Fail

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 57.4857, 0.3647, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

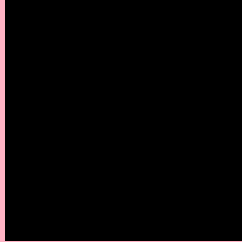
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4857, 0.3647, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 57.4857, 0.3647, 0.3114.



This preview shows how white text looks on a background with the Yxy color 57.4857, 0.3647, 0.3114.

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

57.4857, 0.3647, 0.3114

Protanopia

57.8184, 0.3078, 0.3184

Deuteranopia

57.5198, 0.3365, 0.3291



Tritanopia

57.3505, 0.3674, 0.3145

Trichromacy



Original Color

57.4857, 0.3647, 0.3114



Protanomaly

57.4311, 0.3272, 0.3154



Deuteranomaly

57.3539, 0.3466, 0.3225



Tritanomaly

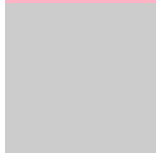
57.3952, 0.3665, 0.3135

Monochromacy



Original Color

57.4857, 0.3647, 0.3114



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.9352, 0.3308, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4857, 0.3647, 0.3114 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 196) }
```

Border

The CSS property to change the border of an element to Yxy 57.4857, 0.3647, 0.3114 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, 196) }
```

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

```
.border{ border-color:rgb(255, 179, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4857, 0.3647, 0.3114 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
179, 196) }
```

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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