

Converting Colors

$Y_{xy}(83.3105, 0.4485, 0.3201)$

Have a look what the booklet for
Yxy(83.3105, 0.4485, 0.3201)
contains.

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Color

Yxy(57.7528, 0.3671, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4C1
RGB	255, 180, 193
RGB Percent	100%, 71%, 76%
CMY	0.0002, 0.2940, 0.2431
CMYK	0.00, 0.29, 0.24, 0.00
HSL	350°, 100%, 85%
HSV	350°, 29%, 100%
XYZ	67.1770, 57.7528, 58.0639
YIQ	203.9070, 40.5270, 19.9430

Conversions

Conversions Part 2

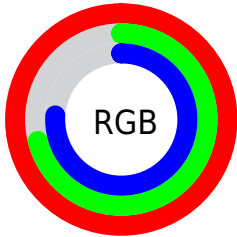
Format	Color
R _Y B	255, 180, 193
Decimal	16757953
CIE Lab	80.60, 29.00, 4.37
CIE LCh	81, 29.323, 8.567
Yxy	57.7528, 0.3671, 0.3156
Android (android.graphics.Color)	4294948033 (0xFFFFB4C1)
YUV	203.9070, -5.3772, 44.8086
Hunter-Lab	75.9953, 24.7956, 7.8964

Details

The Yxy color **57.7528, 0.3671, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.6108, 0.2764, 0.3431**, and the grayscale version is **60.3386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0905, 0.3173, 0.3164**, and **28.9425, 0.3808, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **47.5144, 0.3947, 0.3109**, and if you desaturate by 10%, it is **70.0240, 0.3446, 0.3204**.

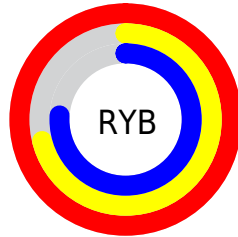
Distribution



Red (100%)

Green (71%)

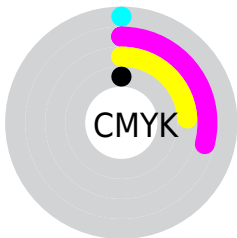
Blue (76%)



Red (100%)

Yellow (71%)

Blue (76%)

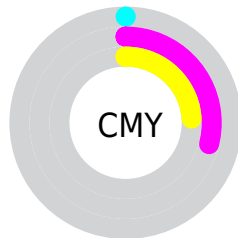


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7528, 0.3671, 0.3156 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 57.7528, 0.3671, 0.3156 by changing the saturation by 10% instead.


 57.7528, 0.3671,
0.3156

 57.7528, 0.3671,
0.3156


416.2642, 0.3407,
0.3224

 41.6099, 0.3734,
0.3139


 101.5628, 0.3577,
0.3181

 28.7960, 0.3814,
0.3117


129.9987, 0.3541,
0.3190

 18.9265, 0.3918,
0.3089


163.3011, 0.3511,
0.3198

 11.6172, 0.4058,
0.3049

201.8544, 0.3484,
0.3204

 6.4836, 0.4258,
0.2989

246.0430, 0.3461,
0.3210

 3.1413, 0.4564,
0.2895


296.2512, 0.3441,

 1.2059, 0.5085,

0.3215


0.2721


352.8635, 0.3423,
0.3220


 0.0666, 0.9205,
0.0795


 0.0000, 0.0000,
0.0000

 57.7528, 0.3671,
0.3156

 57.7528, 0.3671,
0.3156

 47.5144, 0.3947,
0.3109

 70.0240, 0.3446,
0.3204

 39.1911, 0.4278,
0.3068

 84.4212, 0.3265,
0.3250

 32.6657, 0.4664,
0.3038

99.9927, 0.3127,
0.3290

 27.8047, 0.5087,
0.3029

■ 24.4557, 0.5513,
0.3049

■ 22.4385, 0.5888,
0.3100

■ 21.4794, 0.6165,
0.3174

■ 21.4359, 0.6179,
0.3178

Harmonies

Analogous

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



57.7528, 0.3321, 0.2888



57.7528, 0.3671, 0.3156



57.7528, 0.3870, 0.3467

Triad

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



57.7528, 0.3671, 0.3156



57.7528, 0.3285, 0.3954



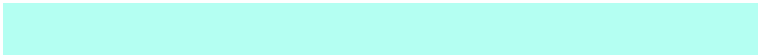
57.7528, 0.2445, 0.2781

Complementary

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



57.7528, 0.3671, 0.3156



87.6108, 0.2764, 0.3431

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.



57.7528, 0.2437, 0.3039



57.7528, 0.3671, 0.3156



57.7528, 0.2907, 0.3749

Square

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



57.7528, 0.3671, 0.3156



57.7528, 0.3634, 0.3946



57.7528, 0.2602, 0.3399



57.7528, 0.2620, 0.2672

Rectangle

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



57.7528, 0.3671, 0.3156



57.7528, 0.3883, 0.3667



57.7528, 0.2602, 0.3399



57.7528, 0.2423, 0.2852

Sweetspot

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



57.7555, 0.3671, 0.3156



85.0591, 0.3259, 0.3251



58.6097, 0.3055, 0.2532



17.7258, 0.3283, 0.3245



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.



57.7555, 0.3671, 0.3156



51.7867, 0.3819, 0.3130



67.6178, 0.3715, 0.3538



18.0384, 0.3267, 0.3249



11.2194, 0.6146, 0.3160



1.1059, 0.5862, 0.3003

Inverse Universe

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



57.7555, 0.3671, 0.3156



51.7867, 0.3819, 0.3130



74.2049, 0.2672, 0.3027



18.0384, 0.3267, 0.3249



11.2194, 0.6146, 0.3160



1.1059, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 57.7528, 0.3671, 0.3156 looks on a white background.

Color Contrast Check

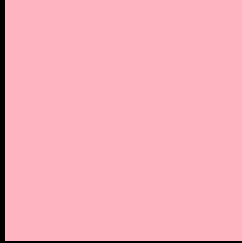
Large Text (above 18pt) WCAG AA × Fail

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 57.7528, 0.3671, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

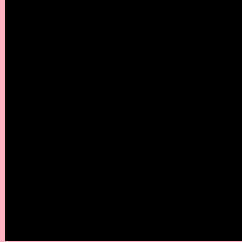
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7528, 0.3671, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 57.7528, 0.3671, 0.3156.

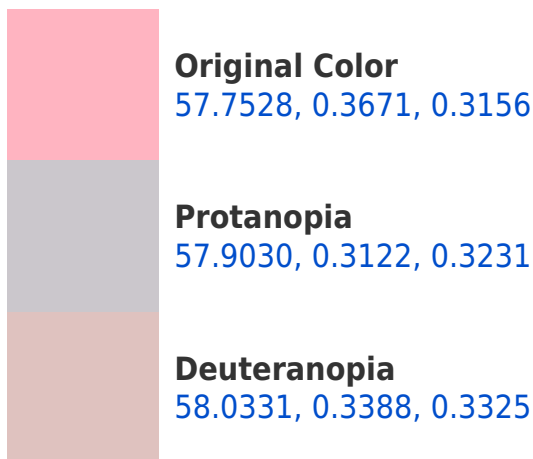


This preview shows how white text looks on a background with the Yxy color 57.7528, 0.3671, 0.3156.

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

57.7976, 0.3663, 0.3146

Trichromacy



Original Color

57.7528, 0.3671, 0.3156

Protanomaly

57.3990, 0.3311, 0.3200

Deuteranomaly

57.8631, 0.3489, 0.3258

Tritanomaly

57.7976, 0.3663, 0.3146

Monochromacy



Original Color

57.7528, 0.3671, 0.3156

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

58.8883, 0.3316, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7528, 0.3671, 0.3156 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, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 193) }
```

Border

The CSS property to change the border of an element to Yxy 57.7528, 0.3671, 0.3156 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, 180, 193) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7528, 0.3671, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 193) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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