

Converting Colors

$Y_{xy}(66.2579, 0.4156, 0.3316)$

Have a look what the booklet for
Yxy(66.2579, 0.4156, 0.3316)
contains.

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Color

Yxy(57.1169, 0.3805, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4B2
RGB	255, 180, 178
RGB Percent	100%, 71%, 70%
CMY	0.0000, 0.2941, 0.3020
CMYK	0.00, 0.29, 0.30, 0.00
HSL	2°, 100%, 85%
HSV	2°, 30%, 100%
XYZ	65.5991, 57.1169, 49.6864
YIQ	202.1970, 45.3420, 15.2780

Conversions

Conversions Part 2

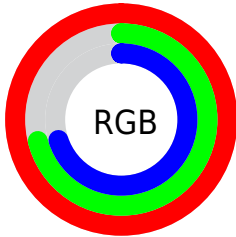
Format	Color
R _Y B	255, 180, 178
Decimal	16757938
CIE Lab	80.25, 27.01, 11.96
CIE LCh	80, 29.545, 23.886
Yxy	57.1169, 0.3805, 0.3313
Android (android.graphics.Color)	4294948018 (0xFFFFB4B2)
YUV	202.1970, -11.9291, 46.3082
Hunter-Lab	75.5757, 22.6790, 13.9235

Details

The Yxy color **57.1169, 0.3805, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9340, 0.2688, 0.3267**, and the grayscale version is **59.2471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1914, 0.3268, 0.3310**, and **28.5297, 0.3993, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **47.0415, 0.4144, 0.3321**, and if you desaturate by 10%, it is **69.1818, 0.3529, 0.3305**.

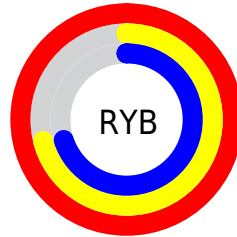
Distribution



Red (100%)

Green (71%)

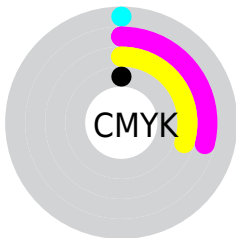
Blue (70%)



Red (100%)

Yellow (71%)

Blue (70%)

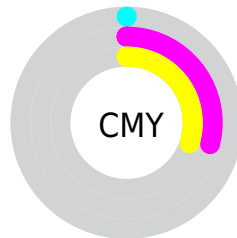


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1169, 0.3805, 0.3313 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 57.1169, 0.3805, 0.3313 by changing the saturation by 10% instead.


 57.1169, 0.3805,
0.3313

 57.1169, 0.3805,
0.3313


413.8872, 0.3474,
0.3310

 41.0991, 0.3885,
0.3312


 100.6357, 0.3687,
0.3314

 28.3965, 0.3986,
0.3309


128.9056, 0.3642,
0.3313

 18.6248, 0.4117,
0.3303


162.0282, 0.3604,
0.3313

 11.3995, 0.4295,
0.3291

200.3880, 0.3571,
0.3312

 6.3362, 0.4548,
0.3268

244.3695, 0.3542,
0.3312

 3.0506, 0.4933,
0.3216

294.3569, 0.3517,

 1.1582, 0.5734,

0.3311

0.3174

350.7346, 0.3494,
0.3310

0.0272, 0.9619,
0.0381

0.0000, 0.0000,
0.0000

57.1169, 0.3805,
0.3313

57.1169, 0.3805,
0.3313

47.0415, 0.4144,
0.3321

69.1818, 0.3529,
0.3305

38.8454, 0.4549,
0.3328

83.3311, 0.3307,
0.3297

32.4132, 0.5009,
0.3333

99.6580, 0.3130,
0.3290

27.6157, 0.5487,
0.3333

100.0000, 0.3127,
0.3290

■ 24.3055, 0.5920,
0.3328

■ 22.3092, 0.6233,
0.3318

■ 21.4040, 0.6388,
0.3310

Harmonies

Analogous

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



57.1169, 0.3516, 0.3013



57.1169, 0.3805, 0.3313



57.1169, 0.3898, 0.3625

Triad

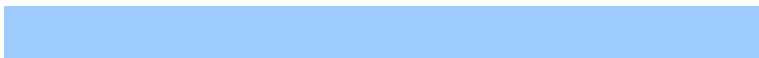
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1169, 0.3805, 0.3313



57.1169, 0.3088, 0.3881



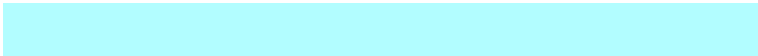
57.1169, 0.2508, 0.2699

Complementary

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



57.1169, 0.3805, 0.3313



86.9340, 0.2688, 0.3267

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.



57.1169, 0.2412, 0.2886



57.1169, 0.3805, 0.3313



57.1169, 0.2732, 0.3584

Square

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



57.1169, 0.3805, 0.3313



57.1169, 0.3469, 0.3985



57.1169, 0.2490, 0.3207



57.1169, 0.2762, 0.2669

Rectangle

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



57.1169, 0.3805, 0.3313



57.1169, 0.3835, 0.3805



57.1169, 0.2490, 0.3207



57.1169, 0.2457, 0.2744

Sweetspot

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



57.1182, 0.3805, 0.3313



85.1671, 0.3284, 0.3296



60.2387, 0.3172, 0.2548



17.7520, 0.3313, 0.3297



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.



57.1182, 0.3805, 0.3313



51.0342, 0.3994, 0.3318



74.5051, 0.3689, 0.3700



18.0627, 0.3294, 0.3297



11.2168, 0.6383, 0.3314



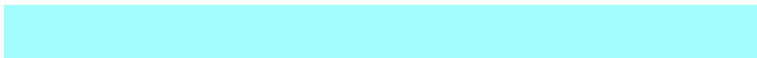
1.1176, 0.6340, 0.3348

Inverse Universe

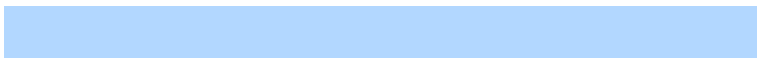
The Inverse Universe completely reimagines the original color for something new.



86.9340, 0.2688, 0.3267



85.0339, 0.2616, 0.3262



65.3965, 0.2640, 0.2841



20.3956, 0.2980, 0.3283



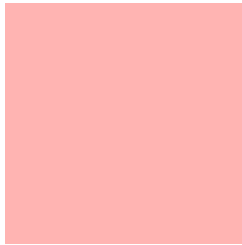
39.0069, 0.2225, 0.3208



3.8226, 0.2227, 0.3218

Previews

White Background



This preview shows how the Yxy color 57.1169, 0.3805, 0.3313 looks on a white background.

Color Contrast Check

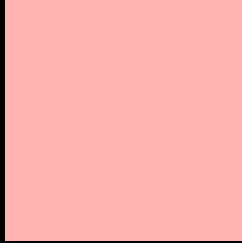
Large Text (above 18pt) WCAG AA × Fail

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 57.1169, 0.3805, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

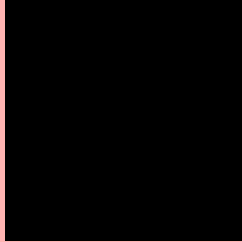
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1169, 0.3805, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 57.1169, 0.3805, 0.3313.



This preview shows how white text looks on a background with the Yxy color 57.1169, 0.3805, 0.3313.

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

57.1169, 0.3805, 0.3313

Protanopia

57.5995, 0.3264, 0.3421

Deuteranopia

57.1648, 0.3547, 0.3474



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.1169, 0.3805, 0.3313



Protanomaly

57.0073, 0.3456, 0.3383



Deuteranomaly

57.1453, 0.3634, 0.3414



Tritanomaly

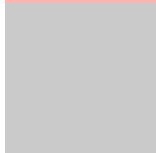
57.0881, 0.3727, 0.3208

Monochromacy



Original Color

57.1169, 0.3805, 0.3313



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.8060, 0.3355, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1169, 0.3805, 0.3313 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 178) }
```

Border

The CSS property to change the border of an element to Yxy 57.1169, 0.3805, 0.3313 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, 178) }
```

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

```
.border{ border-color:rgb(255, 180, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1169, 0.3805, 0.3313 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
180, 178) }
```

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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