

Converting Colors

$Y_{xy}(57.0859, 0.3506, 0.2912)$

Have a look what the booklet for
Yxy(57.0859, 0.3506, 0.2912)
contains.

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Color

Yxy(57.1148, 0.3505, 0.2910)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB0D5 |
| RGB | 255, 176, 213 |
| RGB Percent | 100%, 69%, 84% |
| CMY | 0.0000, 0.3099, 0.1646 |
| CMYK | 0.00, 0.31, 0.16, 0.00 |
| HSL | 332°, 100%, 85% |
| HSV | 332°, 31%, 100% |
| XYZ | 68.7929, 57.1148, 70.3631 |
| YIQ | 203.8390, 35.2070, 28.2550 |

Conversions

Conversions Part 2

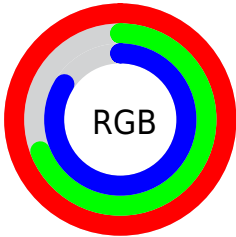
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 176, 213 |
| Decimal | 16756949 |
| CIE Lab | 80.24, 34.08, -6.97 |
| CIE LCh | 80, 34.784, 348.434 |
| Yxy | 57.1148, 0.3505, 0.2910 |
| Android (android.graphics.Color) | 4294947029 (0xFFFFB0D5) |
| YUV | 203.8390, 4.5164, 44.8682 |
| Hunter-Lab | 75.5743, 30.2278, -2.2996 |

Details

The Yxy color **57.1148, 0.3505, 0.2910** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.8070, 0.2865, 0.3707**, and the grayscale version is **60.2224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.2580, 0.3604, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **47.3708, 0.3679, 0.2784**, and if you desaturate by 10%, it is **68.7781, 0.3358, 0.3037**.

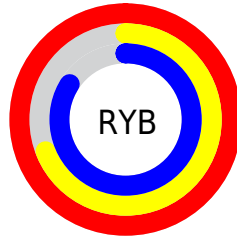
Distribution



Red (100%)

Green (69%)

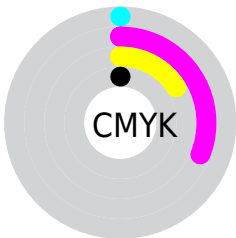
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

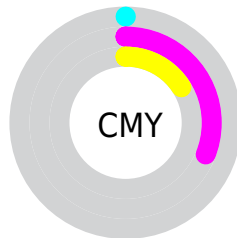


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1148, 0.3505, 0.2910 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 57.1148, 0.3505, 0.2910 by changing the saturation by 10% instead.


 57.1148, 0.3505,
0.2910

 57.1148, 0.3505,
0.2910


413.8793, 0.3325,
0.3088

 41.0974, 0.3547,
0.2869


 100.6327, 0.3442,
0.2972

 28.3952, 0.3600,
0.2817


128.9020, 0.3417,
0.2996

 18.6238, 0.3668,
0.2752


162.0240, 0.3396,
0.3017

 11.3988, 0.3759,
0.2666

200.3832, 0.3378,
0.3035

 6.3357, 0.3887,
0.2547

244.3639, 0.3363,
0.3051

 3.0503, 0.4077,
0.2373


294.3506, 0.3349,


 1.1580, 0.4392,


0.3065


0.2097


350.7276, 0.3336,
0.3077


 0.0270, 0.6119,
0.0193


 0.0000, 0.0000,
0.0000


 57.1148, 0.3505,
0.2910


 57.1148, 0.3505,
0.2910


 47.3708, 0.3679,
0.2784


 68.7781, 0.3358,
0.3037

 39.4635, 0.3883,
0.2668

 82.4834, 0.3236,
0.3161

 33.2676, 0.4116,
0.2572

 98.3145, 0.3136,
0.3279

 28.6520, 0.4372,
0.2509

100.0000, 0.3127,
0.3290

■ 25.4665, 0.4641,
0.2491

■ 23.5309, 0.4908,
0.2528

■ 22.6049, 0.5136,
0.2603

Harmonies

Analogous

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



57.1148, 0.3042, 0.2667



57.1148, 0.3505, 0.2910



57.1148, 0.3880, 0.3244

Triad

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



57.1148, 0.3505, 0.2910



57.1148, 0.3599, 0.4104



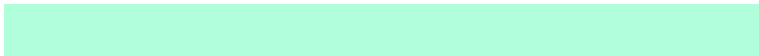
57.1148, 0.2296, 0.2868

Complementary

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



57.1148, 0.3505, 0.2910



85.8070, 0.2865, 0.3707

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.



57.1148, 0.2421, 0.3267



57.1148, 0.3505, 0.2910



57.1148, 0.3159, 0.4037

Square

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



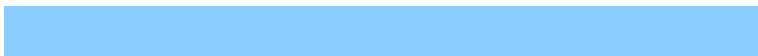
57.1148, 0.3505, 0.2910



57.1148, 0.3925, 0.3928



57.1148, 0.2730, 0.3714



57.1148, 0.2371, 0.2625

Rectangle

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



57.1148, 0.3505, 0.2910



57.1148, 0.4013, 0.3488



57.1148, 0.2730, 0.3714



57.1148, 0.2316, 0.2987

Sweetspot

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



57.1067, 0.3505, 0.2910



85.4609, 0.3215, 0.3185



52.9834, 0.2867, 0.2445



17.8243, 0.3231, 0.3168



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.



57.1067, 0.3505, 0.2910



51.0296, 0.3606, 0.2834



55.9541, 0.3832, 0.3306



18.1288, 0.3220, 0.3179



11.8411, 0.5097, 0.2581



1.1748, 0.4826, 0.2432

Inverse Universe

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



57.1067, 0.3505, 0.2910



51.0296, 0.3606, 0.2834



87.1299, 0.2679, 0.3274



18.1288, 0.3220, 0.3179



11.8411, 0.5097, 0.2581



1.1748, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 57.1148, 0.3505, 0.2910 looks on a white background.

Color Contrast Check

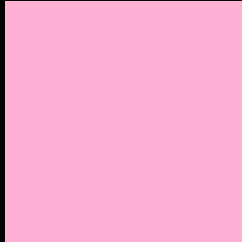
Large Text (above 18pt) WCAG AA × Fail

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 57.1148, 0.3505, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

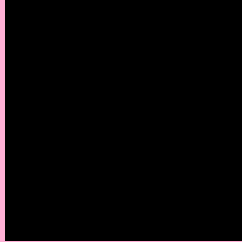
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1148, 0.3505, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 57.1148, 0.3505, 0.2910.



This preview shows how white text looks on a background with the Yxy color 57.1148, 0.3505, 0.2910.

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

57.1148, 0.3505, 0.2910

Protanopia

57.5363, 0.2902, 0.2952

Deuteranopia

57.5329, 0.3168, 0.3107



Tritanopia

56.9731, 0.3657, 0.3144

Trichromacy



Original Color

57.1148, 0.3505, 0.2910



Protanomaly

56.8526, 0.3104, 0.2931



Deuteranomaly

56.9018, 0.3288, 0.3025



Tritanomaly

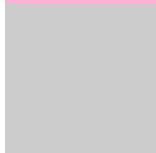
57.0818, 0.3606, 0.3062

Monochromacy



Original Color

57.1148, 0.3505, 0.2910



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.7765, 0.3263, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1148, 0.3505, 0.2910 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, 176, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 213)  
}
```

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, 176, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.1148, 0.3505, 0.2910 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, 176, 213) }
```

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

```
.border{ border-color:rgb(255, 176, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 213); box-shadow:4px 4px 4px 4px rgb(255, 176, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1148, 0.3505, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 213) }
```

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

```
.background{ background-color: rgb(255,  
176, 213) }
```

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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