

Converting Colors

$Y_{xy}(70.0947, 0.4033, 0.3037)$

Have a look what the booklet for
Yxy(70.0947, 0.4033, 0.3037)
contains.

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Color

Yxy(57.2093, 0.3555, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1CF
RGB	255, 177, 207
RGB Percent	100%, 69%, 81%
CMY	0.0000, 0.3059, 0.1882
CMYK	0.00, 0.31, 0.19, 0.00
HSL	337°, 100%, 85%
HSV	337°, 31%, 100%
XYZ	68.2251, 57.2093, 66.4787
YIQ	203.7420, 36.8580, 25.8660

Conversions

Conversions Part 2

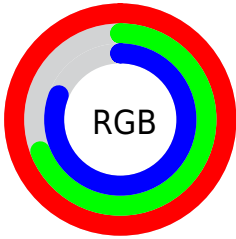
Format	Color
R_{YB}	255, 177, 207
Decimal	16757199
CIE _{Lab}	80.30, 32.61, -3.64
CIE _{LCh}	80, 32.813, 353.631
Yxy	57.2093, 0.3555, 0.2981
Android (android.graphics.Color)	4294947279 (0xFFFFB1CF)
YUV	203.7420, 1.6062, 44.9533
Hunter-Lab	75.6368, 28.6442, 0.8346

Details

The Yxy color **57.2093, 0.3555, 0.2981** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.3042, 0.2834, 0.3624**, and the grayscale version is **60.1858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **28.3361, 0.3662, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **47.3315, 0.3758, 0.2877**, and if you desaturate by 10%, it is **69.0499, 0.3386, 0.3086**.

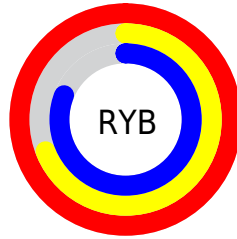
Distribution



Red (100%)

Green (69%)

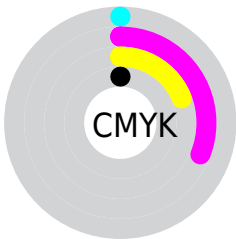
Blue (81%)



Red (100%)

Yellow (69%)

Blue (81%)

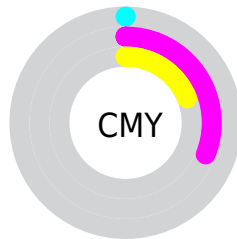


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2093, 0.3555, 0.2981 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 57.2093, 0.3555, 0.2981 by changing the saturation by 10% instead.

 57.2093, 0.3555,
0.2981

 57.2093, 0.3555,
0.2981


414.2331, 0.3350,
0.3128

 41.1733, 0.3604,
0.2947


 100.7705, 0.3482,
0.3033

 28.4545, 0.3665,
0.2904

129.0645, 0.3454,
0.3052

 18.6686, 0.3744,
0.2849


162.2133, 0.3431,
0.3069

 11.4310, 0.3850,
0.2775

200.6013, 0.3410,
0.3084

 6.3575, 0.4000,
0.2673

244.6129, 0.3392,
0.3097

 3.0637, 0.4228,
0.2521

294.6325, 0.3376,

 1.1651, 0.4610,

0.3108

0.2272

351.0444, 0.3362,
0.3119

0.0329, 0.7191,
0.0286

0.0000, 0.0000,
0.0000

57.2093, 0.3555,
0.2981

57.2093, 0.3555,
0.2981

47.3315, 0.3758,
0.2877

69.0499, 0.3386,
0.3086

39.3025, 0.3999,
0.2782

82.9457, 0.3247,
0.3188

33.0070, 0.4276,
0.2705

98.9911, 0.3133,
0.3285

28.3136, 0.4583,
0.2659

100.0000, 0.3127,
0.3290

■ 25.0719, 0.4905,
0.2657

■ 23.1023, 0.5220,
0.2707

■ 22.1432, 0.5489,
0.2798

Harmonies

Analogous

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



57.2093, 0.3123, 0.2731



57.2093, 0.3555, 0.2981



57.2093, 0.3879, 0.3309

Triad

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



57.2093, 0.3555, 0.2981



57.2093, 0.3507, 0.4063



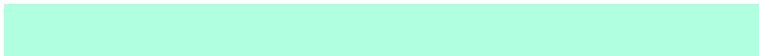
57.2093, 0.2339, 0.2842

Complementary

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



57.2093, 0.3555, 0.2981



86.3042, 0.2834, 0.3624

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.



57.2093, 0.2426, 0.3198



57.2093, 0.3555, 0.2981



57.2093, 0.3085, 0.3954

Square

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



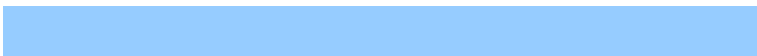
57.2093, 0.3555, 0.2981



57.2093, 0.3840, 0.3936



57.2093, 0.2692, 0.3620



57.2093, 0.2442, 0.2638

Rectangle

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



57.2093, 0.3555, 0.2981



57.2093, 0.3976, 0.3540



57.2093, 0.2692, 0.3620



57.2093, 0.2347, 0.2946

Sweetspot

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



57.2116, 0.3555, 0.2981



85.3449, 0.3227, 0.3204



54.4822, 0.2921, 0.2469



17.7958, 0.3245, 0.3189



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.



57.2116, 0.3555, 0.2981



50.6559, 0.3681, 0.2914



59.0509, 0.3799, 0.3374



18.1027, 0.3234, 0.3199



11.5972, 0.5447, 0.2774



1.1498, 0.5140, 0.2605

Inverse Universe

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



57.2116, 0.3555, 0.2981



50.6559, 0.3681, 0.2914



83.2120, 0.2676, 0.3204



18.1027, 0.3234, 0.3199



11.5972, 0.5447, 0.2774



1.1498, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 57.2093, 0.3555, 0.2981 looks on a white background.

Color Contrast Check

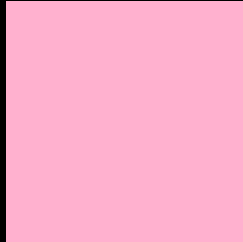
Large Text (above 18pt) WCAG AA × Fail

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 57.2093, 0.3555, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

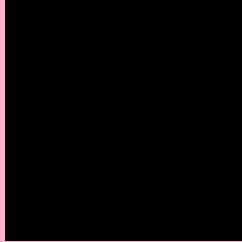
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2093, 0.3555, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 57.2093, 0.3555, 0.2981.

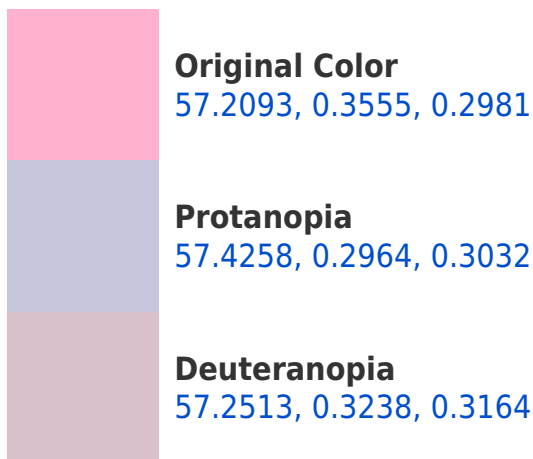


This preview shows how white text looks on a background with the Yxy color 57.2093, 0.3555, 0.2981.

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

56.9731, 0.3657, 0.3144

Trichromacy



Original Color

57.2093, 0.3555, 0.2981



Protanomaly

56.6386, 0.3165, 0.3008



Deuteranomaly

56.9374, 0.3352, 0.3091



Tritanomaly

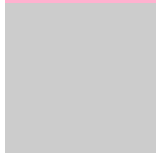
56.9888, 0.3623, 0.3083

Monochromacy



Original Color

57.2093, 0.3555, 0.2981



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.6793, 0.3278, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2093, 0.3555, 0.2981 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, 177, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 207)  
}
```

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, 177, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 207) }
```

Border

The CSS property to change the border of an element to Yxy 57.2093, 0.3555, 0.2981 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, 177, 207) }
```

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

```
.border{ border-color:rgb(255, 177, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2093, 0.3555, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 207) }
```

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

```
.background{ background-color: rgb(255,  
177, 207) }
```

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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