

Converting Colors

$Yxy(61.7478, 0.3672, 0.2944)$

Have a look what the booklet for
Yxy(61.7478, 0.3672, 0.2944)
contains.

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Color

Yxy(57.5084, 0.3503, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1D5
RGB	255, 177, 213
RGB Percent	100%, 69%, 84%
CMY	0.0001, 0.3058, 0.1648
CMYK	0.00, 0.31, 0.16, 0.00
HSL	332°, 100%, 85%
HSV	332°, 31%, 100%
XYZ	68.9668, 57.5084, 70.4040
YIQ	204.4260, 34.9320, 27.7320

Conversions

Conversions Part 2

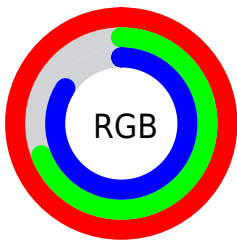
Format	Color
R _Y B	255, 177, 213
Decimal	16757205
CIE Lab	80.46, 33.50, -6.63
CIE LCh	80, 34.154, 348.812
Yxy	57.5084, 0.3503, 0.2921
Android (android.graphics.Color)	4294947285 (0xFFFFB1D5)
YUV	204.4260, 4.2270, 44.3534
Hunter-Lab	75.8343, 29.6251, -1.9604

Details

The Yxy color **57.5084, 0.3503, 0.2921** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.9761, 0.2865, 0.3694**, and the grayscale version is **60.6244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **28.5049, 0.3602, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **47.6924, 0.3679, 0.2797**, and if you desaturate by 10%, it is **69.2707, 0.3356, 0.3046**.

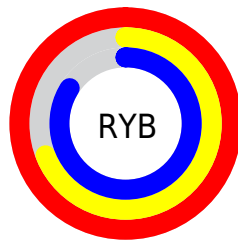
Distribution



Red (100%)

Green (69%)

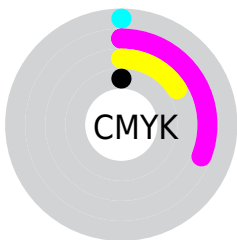
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

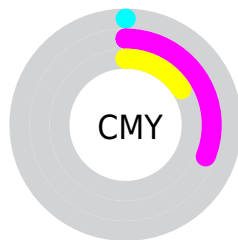


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5084, 0.3503, 0.2921 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 57.5084, 0.3503, 0.2921 by changing the saturation by 10% instead.


 57.5084, 0.3503,
0.2921

 57.5084, 0.3503,
0.2921


415.3516, 0.3324,
0.3094

 41.4136, 0.3545,
0.2881


 101.2066, 0.3440,
0.2982

 28.6424, 0.3598,
0.2831


129.5788, 0.3416,
0.3005

 18.8104, 0.3665,
0.2768


162.8122, 0.3395,
0.3025

 11.5334, 0.3756,
0.2684

201.2913, 0.3377,
0.3042

 6.4268, 0.3882,
0.2568

245.4003, 0.3361,
0.3058

 3.1063, 0.4072,
0.2399


295.5238, 0.3348,


 1.1875, 0.4385,


0.3071

0.2131


352.0461, 0.3335,
0.3083


 0.0514, 0.6030,
0.0358


 0.0000, 0.0000,
0.0000


 57.5084, 0.3503,
0.2921

 57.5084, 0.3503,
0.2921

 47.6924, 0.3679,
0.2797


 69.2707, 0.3356,
0.3046

 39.7082, 0.3885,
0.2682

 83.0697, 0.3233,
0.3168

 33.4417, 0.4121,
0.2587

98.9994, 0.3132,
0.3284

 28.7624, 0.4381,
0.2524

99.9975, 0.3127,
0.3290

■ 25.5209, 0.4654,
0.2505

■ 23.5387, 0.4926,
0.2541

■ 22.5566, 0.5168,
0.2621

Harmonies

Analogous

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



57.5084, 0.3050, 0.2680



57.5084, 0.3503, 0.2921



57.5084, 0.3868, 0.3251

Triad

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



57.5084, 0.3503, 0.2921



57.5084, 0.3585, 0.4088



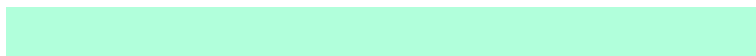
57.5084, 0.2312, 0.2874

Complementary

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



57.5084, 0.3503, 0.2921



85.9761, 0.2865, 0.3694

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.



57.5084, 0.2432, 0.3262



57.5084, 0.3503, 0.2921



57.5084, 0.3153, 0.4018

Square

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



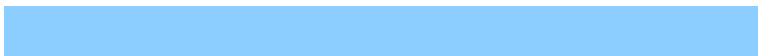
57.5084, 0.3503, 0.2921



57.5084, 0.3907, 0.3920



57.5084, 0.2733, 0.3700



57.5084, 0.2387, 0.2636

Rectangle

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



57.5084, 0.3503, 0.2921



57.5084, 0.3996, 0.3490



57.5084, 0.2733, 0.3700



57.5084, 0.2330, 0.2989

Sweetspot

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



57.5110, 0.3503, 0.2921



85.4505, 0.3216, 0.3187



53.6676, 0.2881, 0.2460



17.8218, 0.3232, 0.3170



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.



57.5110, 0.3503, 0.2921



50.9955, 0.3612, 0.2841



56.9194, 0.3815, 0.3319



18.1265, 0.3221, 0.3181



11.8171, 0.5129, 0.2599



1.1724, 0.4854, 0.2447

Inverse Universe

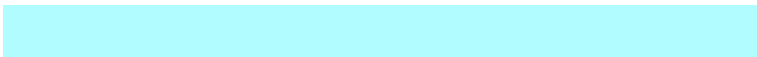
The Inverse Universe completely reimagines the original color for something new.



57.5110, 0.3503, 0.2921



50.9955, 0.3612, 0.2841



86.4328, 0.2683, 0.3261



18.1265, 0.3221, 0.3181



11.8171, 0.5129, 0.2599



1.1724, 0.4854, 0.2447

Previews

White Background



This preview shows how the Yxy color 57.5084, 0.3503, 0.2921 looks on a white background.

Color Contrast Check

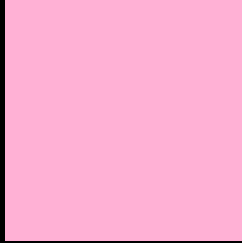
Large Text (above 18pt) WCAG AA × Fail

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 57.5084, 0.3503, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

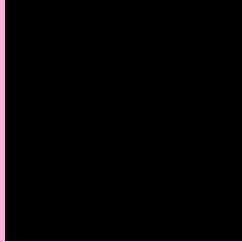
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5084, 0.3503, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 57.5084, 0.3503, 0.2921.



This preview shows how white text looks on a background with the Yxy color 57.5084, 0.3503, 0.2921.

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

57.5084, 0.3503, 0.2921

Protanopia

58.0736, 0.2917, 0.2976

Deuteranopia

57.6838, 0.3176, 0.3107



Tritanopia

57.4202, 0.3645, 0.3145

Trichromacy



Original Color

57.5084, 0.3503, 0.2921



Protanomaly

57.2338, 0.3111, 0.2953



Deuteranomaly

57.4926, 0.3295, 0.3037



Tritanomaly

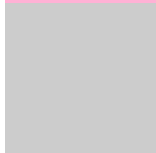
57.5281, 0.3595, 0.3062

Monochromacy



Original Color

57.5084, 0.3503, 0.2921



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 57.5084, 0.3503, 0.2921 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.5084, 0.3503, 0.2921 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, 213) }
```

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

```
.border{ border-color:rgb(255, 177, 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, 177, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5084, 0.3503, 0.2921 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, 213) }
```

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

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