

Converting Colors

$Y_{xy}(57.5646, 0.3596, 0.3047)$

Have a look what the booklet for
Yxy(57.5646, 0.3596, 0.3047)
contains.

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Color

Yxy(57.3651, 0.3597, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2CA
RGB	255, 178, 202
RGB Percent	100%, 70%, 79%
CMY	0.0000, 0.3020, 0.2078
CMYK	0.00, 0.30, 0.21, 0.00
HSL	341°, 100%, 85%
HSV	341°, 30%, 100%
XYZ	67.8311, 57.3651, 63.3807
YIQ	203.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

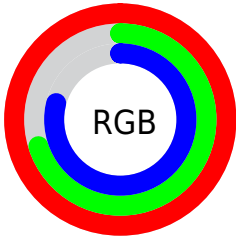
Format	Color
R _Y B	255, 178, 202
Decimal	16757450
CIE Lab	80.38, 31.37, -0.81
CIE LCh	80, 31.381, 358.518
Yxy	57.3651, 0.3597, 0.3042
Android (android.graphics.Color)	4294947530 (0xFFFFB2CA)
YUV	203.7590, -0.8672, 44.9384
Hunter-Lab	75.7398, 27.3167, 3.4026

Details

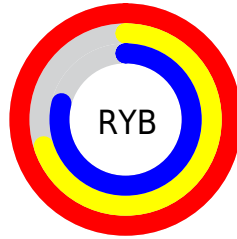
The Yxy color $57.3651, 0.3597, 0.3042$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.7520, 0.2809, 0.3555$, and the grayscale version is $60.2067, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $28.4237, 0.3720, 0.2972$ is the 20% darker color. If you saturate the color by 10%, you get $47.3559, 0.3825, 0.2958$, and if you desaturate by 10%, it is $69.3472, 0.3408, 0.3128$.

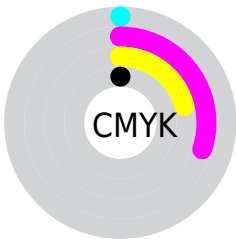
Distribution



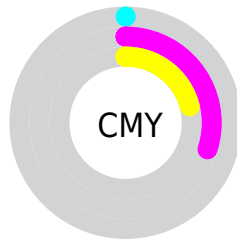
- Red (100%)
- Green (70%)
- Blue (79%)



- Red (100%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3651, 0.3597, 0.3042 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 57.3651, 0.3597, 0.3042 by changing the saturation by 10% instead.


 57.3651, 0.3597,
0.3042

 57.3651, 0.3597,
0.3042

414.8160, 0.3371,
0.3161

 41.2984, 0.3651,
0.3014


 100.9977, 0.3517,
0.3084

 28.5524, 0.3719,
0.2978


129.3325, 0.3486,
0.3100

 18.7424, 0.3807,
0.2932


162.5254, 0.3460,
0.3114

 11.4843, 0.3926,
0.2870

200.9608, 0.3437,
0.3126

 6.3936, 0.4095,
0.2782

245.0232, 0.3417,
0.3137

 3.0859, 0.4352,
0.2650


295.0969, 0.3400,

 1.1767, 0.4789,


0.3146


0.2426


351.5664, 0.3384,
0.3154

 0.0426, 0.8470,
0.0447


 0.0000, 0.0000,
0.0000


 57.3651, 0.3597,
0.3042


 57.3651, 0.3597,
0.3042

 47.3559, 0.3825,
0.2958


 69.3472, 0.3408,
0.3128

 39.2230, 0.4098,
0.2880

 83.4132, 0.3255,
0.3210

 32.8445, 0.4413,
0.2820

99.6520, 0.3129,
0.3289

 28.0886, 0.4763,
0.2789

100.0000, 0.3127,
0.3290

■ 24.8046, 0.5127,
0.2798

■ 22.8130, 0.5474,
0.2856

■ 21.8324, 0.5769,
0.2952

Harmonies

Analogous

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



57.3651, 0.3193, 0.2786



57.3651, 0.3597, 0.3042



57.3651, 0.3877, 0.3364

Triad

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



57.3651, 0.3597, 0.3042



57.3651, 0.3428, 0.4027



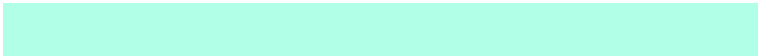
57.3651, 0.2375, 0.2820

Complementary

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



57.3651, 0.3597, 0.3042



86.7520, 0.2809, 0.3555

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.



57.3651, 0.2429, 0.3141



57.3651, 0.3597, 0.3042



57.3651, 0.3022, 0.3882

Square

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



57.3651, 0.3597, 0.3042



57.3651, 0.3768, 0.3941



57.3651, 0.2659, 0.3541



57.3651, 0.2504, 0.2650

Rectangle

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



57.3651, 0.3597, 0.3042



57.3651, 0.3945, 0.3585



57.3651, 0.2659, 0.3541



57.3651, 0.2373, 0.2912

Sweetspot

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



57.3613, 0.3597, 0.3042



85.2457, 0.3238, 0.3220



55.9812, 0.2973, 0.2492



17.7715, 0.3258, 0.3208



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.



57.3613, 0.3597, 0.3042



51.3239, 0.3724, 0.2993



62.2206, 0.3767, 0.3439



18.0804, 0.3245, 0.3216



11.4314, 0.5726, 0.2928



1.1317, 0.5406, 0.2752

Inverse Universe

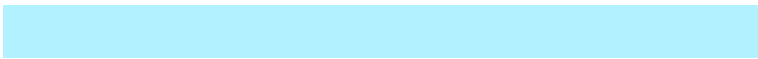
The Inverse Universe completely reimagines the original color for something new.



57.3613, 0.3597, 0.3042



51.3239, 0.3724, 0.2993



79.5241, 0.2673, 0.3134



18.0804, 0.3245, 0.3216



11.4314, 0.5726, 0.2928



1.1317, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 57.3651, 0.3597, 0.3042 looks on a white background.

Color Contrast Check

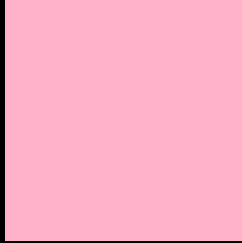
Large Text (above 18pt) WCAG AA × Fail

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 57.3651, 0.3597, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

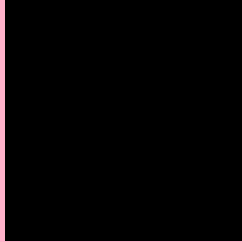
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3651, 0.3597, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 57.3651, 0.3597, 0.3042.



This preview shows how white text looks on a background with the Yxy color 57.3651, 0.3597, 0.3042.

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

57.3651, 0.3597, 0.3042

Protanopia

57.8440, 0.3020, 0.3114

Deuteranopia

57.3235, 0.3293, 0.3222



Tritanopia

57.1613, 0.3665, 0.3145

Trichromacy



Original Color

57.3651, 0.3597, 0.3042



Protanomaly

56.9748, 0.3210, 0.3075



Deuteranomaly

57.2924, 0.3400, 0.3158



Tritanomaly

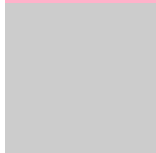
57.2966, 0.3639, 0.3114

Monochromacy



Original Color

57.3651, 0.3597, 0.3042



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

59.0300, 0.3292, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3651, 0.3597, 0.3042 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, 178, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 202)  
}
```

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, 178, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.3651, 0.3597, 0.3042 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, 178, 202) }
```

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

```
.border{ border-color:rgb(255, 178, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3651, 0.3597, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 202) }
```

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

```
.background{ background-color: rgb(255,  
178, 202) }
```

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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