

Converting Colors

$Y_{xy}(57.5587, 0.3597, 0.3049)$

Have a look what the booklet for
Yxy(57.5587, 0.3597, 0.3049)
contains.

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Color

Yxy(57.7645, 0.3595, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3CA
RGB	255, 179, 202
RGB Percent	100%, 70%, 79%
CMY	0.0000, 0.2980, 0.2080
CMYK	0.00, 0.30, 0.21, 0.00
HSL	342°, 100%, 85%
HSV	342°, 30%, 100%
XYZ	68.0194, 57.7645, 63.4218
YIQ	204.3460, 37.9130, 23.2650

Conversions

Conversions Part 2

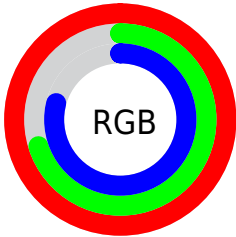
Format	Color
R_{YB}	255, 179, 202
Decimal	16757706
CIE _{Lab}	80.61, 30.82, -0.46
CIE _{LCh}	81, 30.825, 359.139
Yxy	57.7645, 0.3595, 0.3053
Android (android.graphics.Color)	4294947786 (0xFFFFB3CA)
YUV	204.3460, -1.1566, 44.4236
Hunter-Lab	76.0030, 26.7448, 3.7267

Details

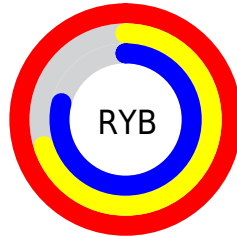
The Yxy color $57.7645, 0.3595, 0.3053$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.9329, 0.2809, 0.3543$, and the grayscale version is $60.6029, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $28.6757, 0.3717, 0.2985$ is the 20% darker color. If you saturate the color by 10%, you get $47.6768, 0.3825, 0.2971$, and if you desaturate by 10%, it is $69.8420, 0.3405, 0.3136$.

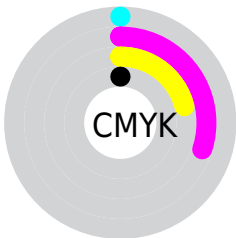
Distribution



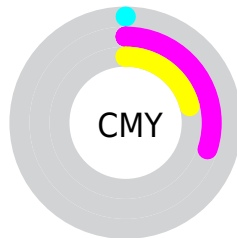
- Red (100%)
- Green (70%)
- Blue (79%)



- 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 57.7645, 0.3595, 0.3053 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 57.7645, 0.3595, 0.3053 by changing the saturation by 10% instead.


 57.7645, 0.3595,
0.3053

 57.7645, 0.3595,
0.3053


416.3078, 0.3370,
0.3167

 41.6193, 0.3649,
0.3026


 101.5798, 0.3515,
0.3093

 28.8033, 0.3716,
0.2992

130.0188, 0.3484,
0.3109

 18.9321, 0.3804,
0.2948


163.3245, 0.3458,
0.3122

 11.6212, 0.3922,
0.2888

201.8814, 0.3436,
0.3134

 6.4863, 0.4090,
0.2804

246.0737, 0.3416,
0.3144

 3.1430, 0.4345,
0.2676


296.2860, 0.3399,

 1.2068, 0.4777,


0.3152


0.2461


352.9026, 0.3383,
0.3160


 0.0673, 0.8252,
0.0680

 0.0000, 0.0000,
0.0000

 57.7645, 0.3595,
0.3053


 57.7645, 0.3595,
0.3053

 47.6768, 0.3825,
0.2971

 69.8420, 0.3405,
0.3136

 39.4673, 0.4100,
0.2896

 84.0048, 0.3251,
0.3216

 33.0194, 0.4420,
0.2837

100.0000, 0.3127,
0.3290

 28.2017, 0.4774,
0.2806

■ 24.8643, 0.5144,
0.2815

■ 22.8290, 0.5495,
0.2872

■ 21.8126, 0.5798,
0.2969

■ 21.7965, 0.5804,
0.2971

Harmonies

Analogous

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



57.7645, 0.3200, 0.2799



57.7645, 0.3595, 0.3053



57.7645, 0.3866, 0.3370

Triad

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



57.7645, 0.3595, 0.3053



57.7645, 0.3415, 0.4011



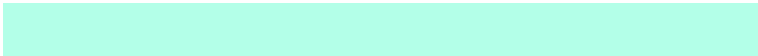
57.7645, 0.2390, 0.2824

Complementary

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



57.7645, 0.3595, 0.3053



86.9329, 0.2809, 0.3543

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.



57.7645, 0.2439, 0.3136



57.7645, 0.3595, 0.3053



57.7645, 0.3016, 0.3864

Square

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



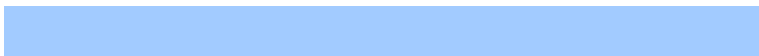
57.7645, 0.3595, 0.3053



57.7645, 0.3750, 0.3932



57.7645, 0.2662, 0.3528



57.7645, 0.2520, 0.2660

Rectangle

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



57.7645, 0.3595, 0.3053



57.7645, 0.3929, 0.3587



57.7645, 0.2662, 0.3528



57.7645, 0.2386, 0.2914

Sweetspot

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



57.7659, 0.3595, 0.3053



85.2325, 0.3240, 0.3222



56.4413, 0.2976, 0.2503



17.7682, 0.3260, 0.3211



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.



57.7659, 0.3595, 0.3053



51.2843, 0.3733, 0.3002



62.6280, 0.3756, 0.3437



18.0774, 0.3247, 0.3218



11.4121, 0.5761, 0.2947



1.1295, 0.5441, 0.2771

Inverse Universe

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



57.7659, 0.3595, 0.3053



51.2843, 0.3733, 0.3002



79.7554, 0.2679, 0.3136



18.0774, 0.3247, 0.3218



11.4121, 0.5761, 0.2947



1.1295, 0.5441, 0.2771

Previews

White Background



This preview shows how the Yxy color 57.7645, 0.3595, 0.3053 looks on a white background.

Color Contrast Check

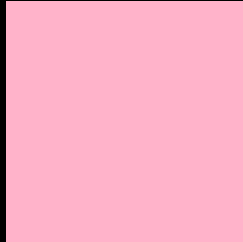
Large Text (above 18pt) WCAG AA × Fail

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 57.7645, 0.3595, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

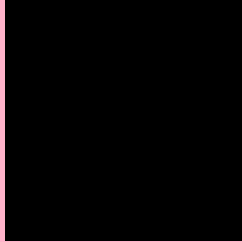
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7645, 0.3595, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 57.7645, 0.3595, 0.3053.



This preview shows how white text looks on a background with the Yxy color 57.7645, 0.3595, 0.3053.

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

57.7645, 0.3595, 0.3053

Protanopia

57.9812, 0.3028, 0.3114

Deuteranopia

57.9227, 0.3300, 0.3233



Tritanopia

57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.7645, 0.3595, 0.3053



Protanomaly

57.5681, 0.3217, 0.3087



Deuteranomaly

57.8890, 0.3407, 0.3169



Tritanomaly

57.7446, 0.3628, 0.3114

Monochromacy



Original Color

57.7645, 0.3595, 0.3053



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 57.7645, 0.3595, 0.3053 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, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.7645, 0.3595, 0.3053 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, 179, 202) }
```

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

```
.border{ border-color:rgb(255, 179, 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, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7645, 0.3595, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 202) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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