

Converting Colors

$Y_{xy}(57.2784, 0.3581, 0.3019)$

Have a look what the booklet for
Yxy(57.2784, 0.3581, 0.3019)
contains.

Yxy(57.4604, 0.3579, 0.3022)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4604, 0.3579, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2CC
RGB	255, 178, 204
RGB Percent	100%, 70%, 80%
CMY	0.0001, 0.3019, 0.2000
CMYK	0.00, 0.30, 0.20, 0.00
HSL	340°, 100%, 85%
HSV	340°, 30%, 100%
XYZ	68.0512, 57.4604, 64.6287
YIQ	203.9870, 37.5460, 24.4100

Conversions

Conversions Part 2

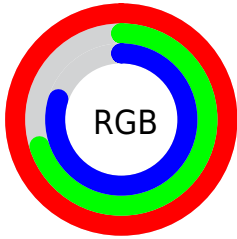
Format	Color
R _Y B	255, 178, 204
Decimal	16757452
CIE Lab	80.44, 31.62, -1.81
CIE LCh	80, 31.675, 356.726
Yxy	57.4604, 0.3579, 0.3022
Android (android.graphics.Color)	4294947532 (0xFFFFB2CC)
YUV	203.9870, 0.0064, 44.7384
Hunter-Lab	75.8026, 27.5923, 2.5117

Details

The Yxy color **57.4604, 0.3579, 0.3022** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.6262, 0.2819, 0.3578**, and the grayscale version is **60.3583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.4876, 0.3696, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **47.4738, 0.3798, 0.2931**, and if you desaturate by 10%, it is **69.4259, 0.3398, 0.3115**.

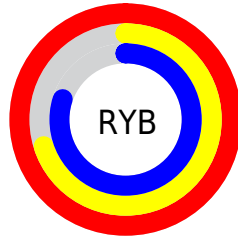
Distribution



Red (100%)

Green (70%)

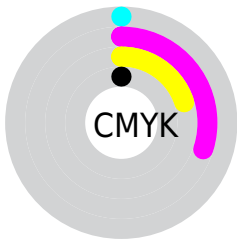
Blue (80%)



Red (100%)

Yellow (70%)

Blue (80%)

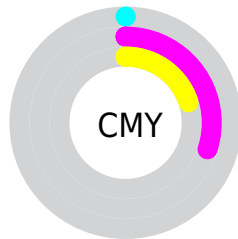


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4604, 0.3579, 0.3022 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 57.4604, 0.3579, 0.3022 by changing the saturation by 10% instead.

 57.4604, 0.3579,
0.3022

 57.4604, 0.3579,
0.3022

415.1723, 0.3362,
0.3150

 41.3750, 0.3631,
0.2992


 101.1367, 0.3502,
0.3067

 28.6122, 0.3696,
0.2954


129.4963, 0.3472,
0.3085

 18.7877, 0.3780,
0.2905


162.7162, 0.3447,
0.3099

 11.5170, 0.3894,
0.2839

201.1806, 0.3425,
0.3112

 6.4157, 0.4054,
0.2747

245.2740, 0.3406,
0.3124

 3.0994, 0.4299,
0.2609


295.3809, 0.3390,

 1.1839, 0.4712,


0.3133


0.2378


351.8855, 0.3375,
0.3142


 0.0485, 0.7823,
0.0464


 0.0000, 0.0000,
0.0000


 57.4604, 0.3579,
0.3022

 57.4604, 0.3579,
0.3022

 47.4738, 0.3798,
0.2931


 69.4259, 0.3398,
0.3115

 39.3506, 0.4058,
0.2847

 83.4614, 0.3250,
0.3204

 32.9758, 0.4360,
0.2780

99.6622, 0.3129,
0.3289

 28.2179, 0.4695,
0.2743

99.9946, 0.3127,
0.3290

■ 24.9269, 0.5044,
0.2748

■ 22.9239, 0.5381,
0.2803

■ 21.9277, 0.5674,
0.2899

Harmonies

Analogous

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



57.4604, 0.3168, 0.2769



57.4604, 0.3579, 0.3022



57.4604, 0.3873, 0.3344

Triad

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



57.4604, 0.3579, 0.3022



57.4604, 0.3454, 0.4035



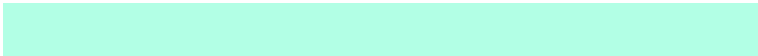
57.4604, 0.2367, 0.2831

Complementary

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



57.4604, 0.3579, 0.3022



86.6262, 0.2819, 0.3578

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.



57.4604, 0.2432, 0.3162



57.4604, 0.3579, 0.3022



57.4604, 0.3045, 0.3903

Square

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



57.4604, 0.3579, 0.3022



57.4604, 0.3789, 0.3935



57.4604, 0.2674, 0.3567



57.4604, 0.2486, 0.2650

Rectangle

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



57.4604, 0.3579, 0.3022



57.4604, 0.3950, 0.3568



57.4604, 0.2674, 0.3567



57.4604, 0.2368, 0.2927

Sweetspot

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



57.4631, 0.3579, 0.3022



85.2806, 0.3234, 0.3214



55.5674, 0.2954, 0.2488



17.7800, 0.3254, 0.3202



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.



57.4631, 0.3579, 0.3022



51.4290, 0.3702, 0.2968



61.1077, 0.3775, 0.3413



18.0883, 0.3241, 0.3210



11.4854, 0.5631, 0.2876



1.1377, 0.5313, 0.2701

Inverse Universe

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



57.4631, 0.3579, 0.3022



51.4290, 0.3702, 0.2968



81.0439, 0.2677, 0.3163



18.0883, 0.3241, 0.3210



11.4854, 0.5631, 0.2876



1.1377, 0.5313, 0.2701

Previews

White Background



This preview shows how the Yxy color 57.4604, 0.3579, 0.3022 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 57.4604, 0.3579, 0.3022 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 57.4604, 0.3579, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 57.4604, 0.3579, 0.3022.

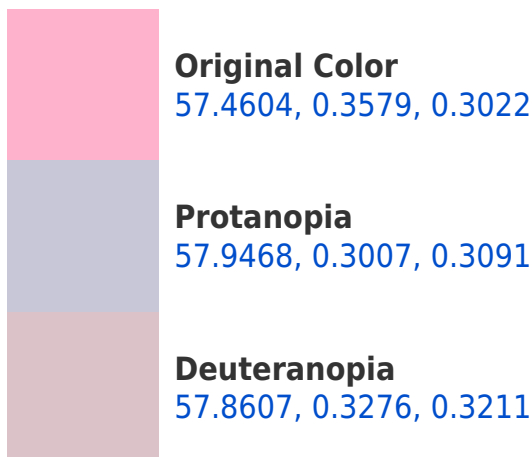


This preview shows how white text looks on a background with the Yxy color 57.4604, 0.3579, 0.3022.

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

57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.4604, 0.3579, 0.3022



Protanomaly

57.0751, 0.3195, 0.3053



Deuteranomaly

57.3865, 0.3384, 0.3136



Tritanomaly

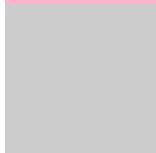
57.3882, 0.3621, 0.3093

Monochromacy



Original Color

57.4604, 0.3579, 0.3022



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

59.0778, 0.3285, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4604, 0.3579, 0.3022 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.4604, 0.3579, 0.3022 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, 204) }
```

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

```
.border{ border-color:rgb(255, 178, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4604, 0.3579, 0.3022 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
178, 204) }
```

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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