

Converting Colors

$Yxy(63.9788, 0.3877, 0.3043)$

Have a look what the booklet for
Yxy(63.9788, 0.3877, 0.3043)
contains.

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Color

Yxy(57.0161, 0.3590, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1CB
RGB	255, 177, 203
RGB Percent	100%, 69%, 80%
CMY	0.0001, 0.3058, 0.2040
CMYK	0.00, 0.31, 0.20, 0.00
HSL	340°, 100%, 85%
HSV	340°, 31%, 100%
XYZ	67.7326, 57.0161, 63.9214
YIQ	203.2860, 38.1420, 24.6220

Conversions

Conversions Part 2

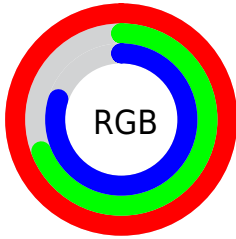
Format	Color
R _Y B	255, 177, 203
Decimal	16757195
CIE Lab	80.19, 32.00, -1.62
CIE LCh	80, 32.039, 357.096
Yxy	57.0161, 0.3590, 0.3022
Android (android.graphics.Color)	4294947275 (0xFFFFB1CB)
YUV	203.2860, -0.1410, 45.3532
Hunter-Lab	75.5090, 27.9761, 2.6649

Details

The Yxy color **57.0161, 0.3590, 0.3022** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.5118, 0.2814, 0.3578**, and the grayscale version is **59.8939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **28.4555, 0.3708, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **47.1014, 0.3812, 0.2932**, and if you desaturate by 10%, it is **68.9068, 0.3406, 0.3113**.

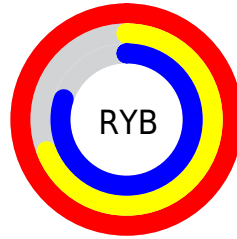
Distribution



Red (100%)

Green (69%)

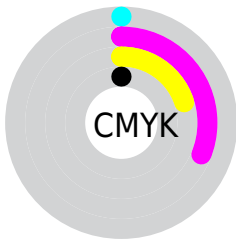
Blue (80%)



Red (100%)

Yellow (69%)

Blue (80%)

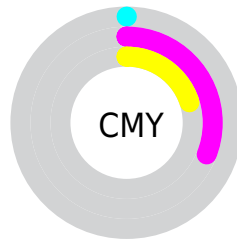


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0161, 0.3590, 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 57.0161, 0.3590, 0.3022 by changing the saturation by 10% instead.


 57.0161, 0.3590,
0.3022

 57.0161, 0.3590,
0.3022

413.5096, 0.3367,
0.3150

 41.0182, 0.3643,
0.2992


 100.4887, 0.3511,
0.3067

 28.3333, 0.3710,
0.2953


128.7321, 0.3481,
0.3085

 18.5770, 0.3797,
0.2904


161.8262, 0.3455,
0.3100

 11.3651, 0.3914,
0.2838

200.1553, 0.3432,
0.3113

 6.3129, 0.4080,
0.2745

244.1037, 0.3413,
0.3124

 3.0363, 0.4333,
0.2604

294.0560, 0.3396,

 1.1507, 0.4762,

0.3134

0.2370

350.3965, 0.3381,
0.3143

0.0209, 0.8360,
0.0218

0.0000, 0.0000,
0.0000

57.0161, 0.3590,
0.3022

57.0161, 0.3590,
0.3022

47.1014, 0.3812,
0.2932

68.9068, 0.3406,
0.3113

39.0469, 0.4077,
0.2850

82.8651, 0.3256,
0.3202

32.7370, 0.4382,
0.2785

98.9865, 0.3133,
0.3285

28.0395, 0.4720,
0.2751

99.9953, 0.3127,
0.3290

■ 24.8035, 0.5073,
0.2758

■ 22.8484, 0.5411,
0.2816

■ 21.9096, 0.5691,
0.2909

Harmonies

Analogous

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



57.0161, 0.3174, 0.2765



57.0161, 0.3590, 0.3022



57.0161, 0.3886, 0.3349

Triad

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



57.0161, 0.3590, 0.3022



57.0161, 0.3453, 0.4046



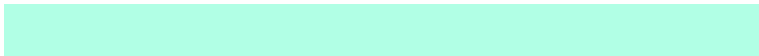
57.0161, 0.2357, 0.2821

Complementary

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



57.0161, 0.3590, 0.3022



86.5118, 0.2814, 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.



57.0161, 0.2421, 0.3155



57.0161, 0.3590, 0.3022



57.0161, 0.3038, 0.3909

Square

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



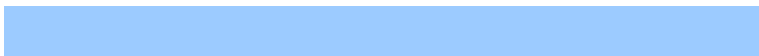
57.0161, 0.3590, 0.3022



57.0161, 0.3795, 0.3946



57.0161, 0.2664, 0.3566



57.0161, 0.2480, 0.2640

Rectangle

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



57.0161, 0.3590, 0.3022



57.0161, 0.3963, 0.3575



57.0161, 0.2664, 0.3566



57.0161, 0.2358, 0.2917

Sweetspot

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



57.0188, 0.3590, 0.3022



85.2744, 0.3235, 0.3215



55.3275, 0.2961, 0.2479



17.7785, 0.3254, 0.3203



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.



57.0188, 0.3590, 0.3022



50.4363, 0.3728, 0.2964



61.2632, 0.3782, 0.3428



18.0868, 0.3242, 0.3211



11.4754, 0.5648, 0.2885



1.1366, 0.5330, 0.2710

Inverse Universe

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



57.0188, 0.3590, 0.3022



50.4363, 0.3728, 0.2964



80.0620, 0.2670, 0.3146



18.0868, 0.3242, 0.3211



11.4754, 0.5648, 0.2885



1.1366, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 57.0161, 0.3590, 0.3022 looks on a white background.

Color Contrast Check

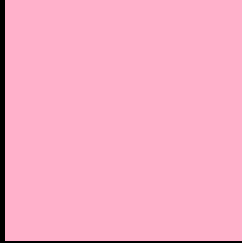
Large Text (above 18pt) WCAG AA × Fail

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 57.0161, 0.3590, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

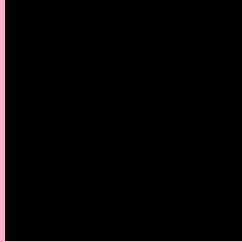
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0161, 0.3590, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 57.0161, 0.3590, 0.3022.



This preview shows how white text looks on a background with the Yxy color 57.0161, 0.3590, 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



Original Color

57.0161, 0.3590, 0.3022

Protanopia

57.3518, 0.2999, 0.3078

Deuteranopia

57.2155, 0.3277, 0.3210



Tritanopia

57.1168, 0.3674, 0.3155

Trichromacy



Original Color

57.0161, 0.3590, 0.3022



Protanomaly

56.5901, 0.3203, 0.3052



Deuteranomaly

56.7466, 0.3385, 0.3135



Tritanomaly

56.8971, 0.3641, 0.3103

Monochromacy



Original Color

57.0161, 0.3590, 0.3022



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.4250, 0.3285, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0161, 0.3590, 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, 177, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.0161, 0.3590, 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, 177, 203) }
```

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

```
.border{ border-color:rgb(255, 177, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0161, 0.3590, 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, 177, 203) }
```

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

```
.background{ background-color: rgb(255,  
177, 203) }
```

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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