

Converting Colors

$Y_{xy}(74.3553, 0.4214, 0.3109)$

Have a look what the booklet for
Yxy(74.3553, 0.4214, 0.3109)
contains.

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Color

Yxy(57.3178, 0.3606, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2C9
RGB	255, 178, 201
RGB Percent	100%, 70%, 79%
CMY	0.0000, 0.3021, 0.2117
CMYK	0.00, 0.30, 0.21, 0.00
HSL	342°, 100%, 85%
HSV	342°, 30%, 100%
XYZ	67.7221, 57.3178, 62.7641
YIQ	203.6450, 38.5090, 23.4770

Conversions

Conversions Part 2

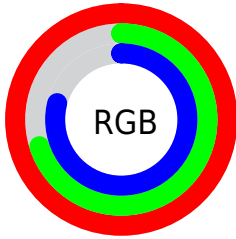
Format	Color
R _Y B	255, 178, 201
Decimal	16757449
CIE Lab	80.36, 31.25, -0.31
CIE LCh	80, 31.247, 359.424
Yxy	57.3178, 0.3606, 0.3052
Android (android.graphics.Color)	4294947529 (0xFFFFB2C9)
YUV	203.6450, -1.3040, 45.0383
Hunter-Lab	75.7085, 27.1804, 3.8432

Details

The Yxy color **57.3178, 0.3606, 0.3052** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8054, 0.2804, 0.3544**, and the grayscale version is **60.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.6441, 0.3729, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **47.2957, 0.3839, 0.2971**, and if you desaturate by 10%, it is **69.3046, 0.3413, 0.3134**.

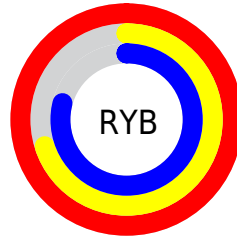
Distribution



Red (100%)

Green (70%)

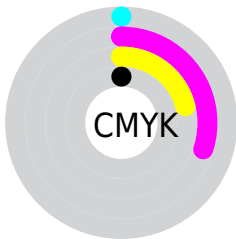
Blue (79%)



Red (100%)

Yellow (70%)

Blue (79%)

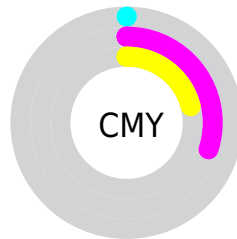


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3178, 0.3606, 0.3052 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 57.3178, 0.3606, 0.3052 by changing the saturation by 10% instead.


 57.3178, 0.3606,
0.3052

 57.3178, 0.3606,
0.3052

414.6391, 0.3375,
0.3167

 41.2604, 0.3661,
0.3025


 100.9288, 0.3524,
0.3093

 28.5226, 0.3731,
0.2990


129.2511, 0.3493,
0.3108

 18.7200, 0.3821,
0.2945


162.4307, 0.3466,
0.3122

 11.4681, 0.3943,
0.2885

200.8517, 0.3443,
0.3133

 6.3826, 0.4115,
0.2800

244.8987, 0.3423,
0.3143

 3.0791, 0.4379,
0.2670


294.9560, 0.3405,

 1.1732, 0.4827,


0.3152


0.2450

351.4080, 0.3389,
0.3160


 0.0396, 0.8843,
0.0438


 0.0000, 0.0000,
0.0000

 57.3178, 0.3606,
0.3052


 57.3178, 0.3606,
0.3052

 47.2957, 0.3839,
0.2971


 69.3046, 0.3413,
0.3134

 39.1587, 0.4117,
0.2897

 83.3845, 0.3257,
0.3214

 32.7791, 0.4439,
0.2840

99.6409, 0.3130,
0.3289

 28.0246, 0.4797,
0.2811

100.0000, 0.3127,
0.3290

■ 24.7444, 0.5168,
0.2822

■ 22.7587, 0.5519,
0.2881

■ 21.7859, 0.5814,
0.2976

Harmonies

Analogous

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



57.3178, 0.3205, 0.2794



57.3178, 0.3606, 0.3052



57.3178, 0.3879, 0.3374

Triad

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



57.3178, 0.3606, 0.3052



57.3178, 0.3416, 0.4023



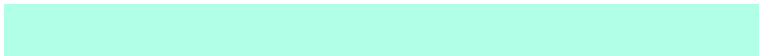
57.3178, 0.2379, 0.2814

Complementary

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



57.3178, 0.3606, 0.3052



86.8054, 0.2804, 0.3544

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.



57.3178, 0.2428, 0.3130



57.3178, 0.3606, 0.3052



57.3178, 0.3010, 0.3872

Square

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



57.3178, 0.3606, 0.3052



57.3178, 0.3757, 0.3944



57.3178, 0.2652, 0.3528



57.3178, 0.2513, 0.2650

Rectangle

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



57.3178, 0.3606, 0.3052



57.3178, 0.3942, 0.3594



57.3178, 0.2652, 0.3528



57.3178, 0.2375, 0.2904

Sweetspot

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



57.3083, 0.3605, 0.3052



85.2285, 0.3240, 0.3223



56.1881, 0.2983, 0.2494



17.7672, 0.3260, 0.3212



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.



57.3083, 0.3605, 0.3052



51.2724, 0.3735, 0.3005



62.7810, 0.3763, 0.3453



18.0765, 0.3247, 0.3219



11.4064, 0.5771, 0.2953



1.1289, 0.5451, 0.2777

Inverse Universe

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



57.3083, 0.3605, 0.3052



51.2724, 0.3735, 0.3005



78.7637, 0.2671, 0.3120



18.0765, 0.3247, 0.3219



11.4064, 0.5771, 0.2953



1.1289, 0.5451, 0.2777

Previews

White Background



This preview shows how the Yxy color 57.3178, 0.3606, 0.3052 looks on a white background.

Color Contrast Check

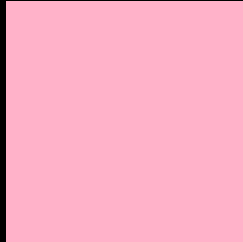
Large Text (above 18pt) WCAG AA × Fail

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 57.3178, 0.3606, 0.3052 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 57.3178, 0.3606, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 57.3178, 0.3606, 0.3052.



This preview shows how white text looks on a background with the Yxy color 57.3178, 0.3606, 0.3052.

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

57.3178, 0.3606, 0.3052

Protanopia

57.7931, 0.3027, 0.3125

Deuteranopia

57.2772, 0.3301, 0.3233



Tritanopia

57.1613, 0.3665, 0.3145

Trichromacy



Original Color

57.3178, 0.3606, 0.3052



Protanomaly

56.9251, 0.3218, 0.3086



Deuteranomaly

57.2458, 0.3408, 0.3169



Tritanomaly

57.2966, 0.3639, 0.3114

Monochromacy



Original Color

57.3178, 0.3606, 0.3052



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 57.3178, 0.3606, 0.3052 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 201) }
```

Border

The CSS property to change the border of an element to Yxy 57.3178, 0.3606, 0.3052 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, 201) }
```

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

```
.border{ border-color:rgb(255, 178, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3178, 0.3606, 0.3052 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
178, 201) }
```

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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