

Converting Colors

Yxy(57.6163, 0.3611, 0.3069)

Have a look what the booklet for
Yxy(57.6163, 0.3611, 0.3069)
contains.

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Color

Yxy(57.6703, 0.3612, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C8
RGB	255, 179, 200
RGB Percent	100%, 70%, 78%
CMY	0.0000, 0.2980, 0.2156
CMYK	0.00, 0.30, 0.22, 0.00
HSL	343°, 100%, 85%
HSV	343°, 30%, 100%
XYZ	67.7856, 57.6703, 62.2119
YIQ	204.1180, 38.5550, 22.6430

Conversions

Conversions Part 2

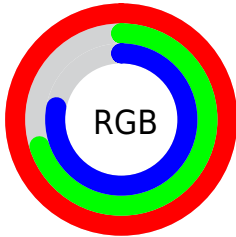
Format	Color
R_{YB}	255, 179, 200
Decimal	16757704
CIE Lab	80.56, 30.54, 0.52
CIE LCh	81, 30.539, 0.967
Yxy	57.6703, 0.3612, 0.3073
Android (android.graphics.Color)	4294947784 (0xFFFFB3C8)
YUV	204.1180, -2.0302, 44.6235
Hunter-Lab	75.9410, 26.4340, 4.5875

Details

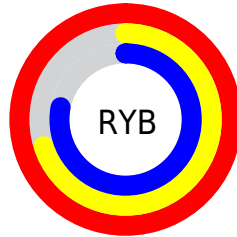
The Yxy color **57.6703, 0.3612, 0.3073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0416, 0.2799, 0.3521**, and the grayscale version is **60.4589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **28.6129, 0.3742, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **47.5676, 0.3852, 0.2998**, and if you desaturate by 10%, it is **69.7724, 0.3415, 0.3149**.

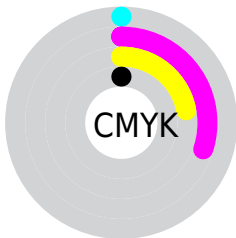
Distribution



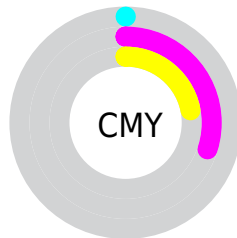
- Red (100%)
- Green (70%)
- Blue (78%)



- Red (100%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6703, 0.3612, 0.3073 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 57.6703, 0.3612, 0.3073 by changing the saturation by 10% instead.

 57.6703, 0.3612,
0.3073

 57.6703, 0.3612,
0.3073

415.9563, 0.3378,
0.3178

 41.5436, 0.3668,
0.3048


 101.4426, 0.3529,
0.3110

 28.7441, 0.3738,
0.3016


129.8570, 0.3497,
0.3125

 18.8873, 0.3830,
0.2975


163.1361, 0.3470,
0.3137

 11.5889, 0.3953,
0.2919

201.6644, 0.3447,
0.3147

 6.4644, 0.4128,
0.2840

245.8261, 0.3426,
0.3157

 3.1295, 0.4395,
0.2718


296.0057, 0.3408,

 1.1997, 0.4849,


0.3165


0.2510


352.5877, 0.3392,
0.3172

 0.0615, 0.8970,
0.0686

 0.0000, 0.0000,
0.0000


 57.6703, 0.3612,
0.3073

 57.6703, 0.3612,
0.3073

 47.5676, 0.3852,
0.2998


 69.7724, 0.3415,
0.3149

 39.3481, 0.4139,
0.2930

 83.9656, 0.3255,
0.3222

 32.8962, 0.4472,
0.2877

99.9992, 0.3127,
0.3290

 28.0802, 0.4841,
0.2852

■ 24.7494, 0.5224,
0.2864

■ 22.7251, 0.5584,
0.2922

■ 21.7236, 0.5886,
0.3017

■ 21.7078, 0.5891,
0.3019

Harmonies

Analogous

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



57.6703, 0.3225, 0.2816



57.6703, 0.3612, 0.3073



57.6703, 0.3869, 0.3390

Triad

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



57.6703, 0.3612, 0.3073



57.6703, 0.3389, 0.4003



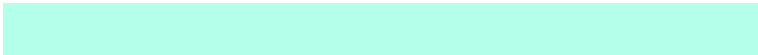
57.6703, 0.2399, 0.2814

Complementary

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



57.6703, 0.3612, 0.3073



87.0416, 0.2799, 0.3521

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.



57.6703, 0.2437, 0.3116



57.6703, 0.3612, 0.3073



57.6703, 0.2994, 0.3843

Square

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



57.6703, 0.3612, 0.3073



57.6703, 0.3728, 0.3937



57.6703, 0.2649, 0.3502



57.6703, 0.2538, 0.2661

Rectangle

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



57.6703, 0.3612, 0.3073



57.6703, 0.3922, 0.3604



57.6703, 0.2649, 0.3502



57.6703, 0.2391, 0.2900

Sweetspot

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



57.6730, 0.3612, 0.3073



85.1977, 0.3243, 0.3228



56.8647, 0.2995, 0.2507



17.7597, 0.3264, 0.3218



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.



57.6730, 0.3612, 0.3073



51.1814, 0.3755, 0.3026



63.7558, 0.3748, 0.3464



18.0696, 0.3251, 0.3225



11.3647, 0.5850, 0.2996



1.1241, 0.5531, 0.2820

Inverse Universe

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



57.6730, 0.3612, 0.3073



51.1814, 0.3755, 0.3026



78.2633, 0.2676, 0.3108



18.0696, 0.3251, 0.3225



11.3647, 0.5850, 0.2996



1.1241, 0.5531, 0.2820

Previews

White Background



This preview shows how the Yxy color 57.6703, 0.3612, 0.3073 looks on a white background.

Color Contrast Check

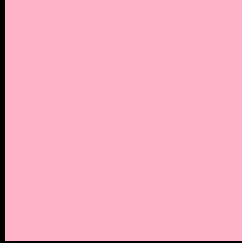
Large Text (above 18pt) WCAG AA × Fail

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 57.6703, 0.3612, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

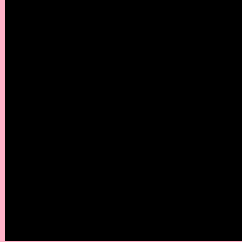
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6703, 0.3612, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 57.6703, 0.3612, 0.3073.



This preview shows how white text looks on a background with the Yxy color 57.6703, 0.3612, 0.3073.

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

57.6703, 0.3612, 0.3073

Protanopia

58.0178, 0.3050, 0.3137

Deuteranopia

57.9869, 0.3324, 0.3256



Tritanopia

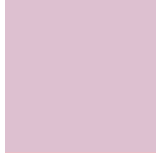
57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.6703, 0.3612, 0.3073



Protanomaly

57.6255, 0.3241, 0.3110



Deuteranomaly

57.7960, 0.3423, 0.3191



Tritanomaly

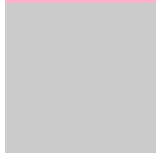
57.6989, 0.3636, 0.3124

Monochromacy



Original Color

57.6703, 0.3612, 0.3073



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 57.6703, 0.3612, 0.3073 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.6703, 0.3612, 0.3073 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, 200) }
```

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

```
.border{ border-color:rgb(255, 179, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6703, 0.3612, 0.3073 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
179, 200) }
```

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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