

Converting Colors

Yxy(57.1246, 0.3680, 0.3146)

Have a look what the booklet for
Yxy(57.1246, 0.3680, 0.3146)
contains.

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Color

Yxy(57.3060, 0.3683, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C0
RGB	255, 179, 192
RGB Percent	100%, 70%, 75%
CMY	0.0000, 0.2980, 0.2471
CMYK	0.00, 0.30, 0.25, 0.00
HSL	350°, 100%, 85%
HSV	350°, 30%, 100%
XYZ	66.8752, 57.3060, 57.3968
YIQ	203.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

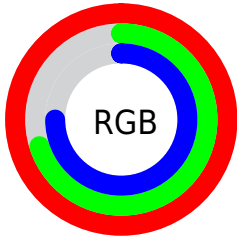
Format	Color
RYB	255, 179, 192
Decimal	16757696
CIELab	80.35, 29.40, 4.56
CIElCh	80, 29.756, 8.817
Yxy	57.3060, 0.3683, 0.3156
Android (android.graphics.Color)	4294947776 (0xFFFFB3C0)
YUV	203.2060, -5.5246, 45.4233
Hunter-Lab	75.7007, 25.2133, 8.0364

Details

The Yxy color **57.3060, 0.3683, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5162, 0.2759, 0.3431**, and the grayscale version is **59.8730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4540, 0.3180, 0.3164**, and **28.6561, 0.3824, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **47.1423, 0.3962, 0.3110**, and if you desaturate by 10%, it is **69.4968, 0.3456, 0.3203**.

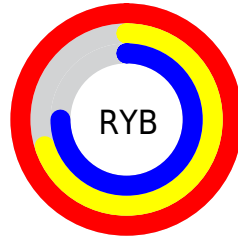
Distribution



Red (100%)

Green (70%)

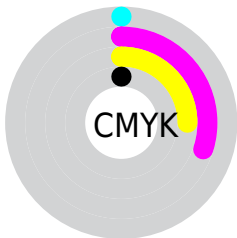
Blue (75%)



Red (100%)

Yellow (70%)

Blue (75%)

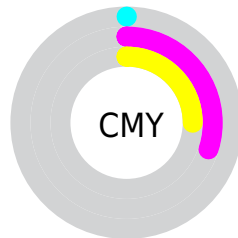


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3060, 0.3683, 0.3156 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 57.3060, 0.3683, 0.3156 by changing the saturation by 10% instead.


 57.3060, 0.3683,
0.3156

 57.3060, 0.3683,
0.3156

414.5949, 0.3413,
0.3224

 41.2510, 0.3748,
0.3139


 100.9115, 0.3587,
0.3181

 28.5152, 0.3830,
0.3117


129.2308, 0.3550,
0.3190

 18.7144, 0.3936,
0.3088


162.4070, 0.3519,
0.3198

 11.4641, 0.4081,
0.3047

200.8245, 0.3492,
0.3205

 6.3799, 0.4286,
0.2987

244.8676, 0.3468,
0.3210

 3.0774, 0.4602,
0.2890


294.9208, 0.3448,

 1.1723, 0.5141,


0.3215


0.2711

351.3684, 0.3430,
0.3220


 0.0389, 0.9510,
0.0490


 0.0000, 0.0000,
0.0000


 57.3060, 0.3683,
0.3156


 57.3060, 0.3683,
0.3156

 47.1423, 0.3962,
0.3110


 69.4968, 0.3456,
0.3203

 38.8919, 0.4297,
0.3070

 83.8125, 0.3272,
0.3248

 32.4354, 0.4686,
0.3041

100.0000, 0.3127,
0.3290

 27.6386, 0.5111,
0.3033

■ 24.3482, 0.5537,
0.3054

■ 22.3821, 0.5908,
0.3107

■ 21.4526, 0.6180,
0.3179

■ 21.4385, 0.6184,
0.3181

Harmonies

Analogous

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



57.3060, 0.3327, 0.2883



57.3060, 0.3683, 0.3156



57.3060, 0.3884, 0.3472

Triad

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



57.3060, 0.3683, 0.3156



57.3060, 0.3284, 0.3966



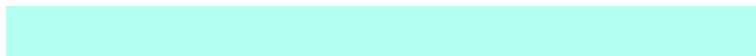
57.3060, 0.2434, 0.2771

Complementary

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



57.3060, 0.3683, 0.3156



87.5162, 0.2759, 0.3431

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.



57.3060, 0.2426, 0.3032



57.3060, 0.3683, 0.3156



57.3060, 0.2900, 0.3755

Square

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



57.3060, 0.3683, 0.3156



57.3060, 0.3639, 0.3958



57.3060, 0.2591, 0.3397



57.3060, 0.2614, 0.2661

Rectangle

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



57.3060, 0.3683, 0.3156



57.3060, 0.3896, 0.3675



57.3060, 0.2591, 0.3397



57.3060, 0.2412, 0.2842

Sweetspot

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



57.3072, 0.3683, 0.3156



85.0558, 0.3259, 0.3252



58.1747, 0.3054, 0.2521



17.7250, 0.3283, 0.3245



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.



57.3072, 0.3683, 0.3156



50.7753, 0.3849, 0.3127



67.2598, 0.3725, 0.3542



18.0377, 0.3267, 0.3250



11.2168, 0.6152, 0.3163



1.1055, 0.5870, 0.3007

Inverse Universe

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



57.3072, 0.3683, 0.3156



50.7753, 0.3849, 0.3127



73.9196, 0.2666, 0.3023



18.0377, 0.3267, 0.3250



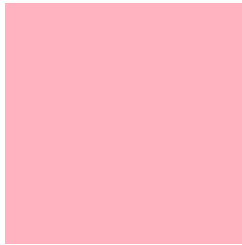
11.2168, 0.6152, 0.3163



1.1055, 0.5870, 0.3007

Previews

White Background



This preview shows how the Yxy color 57.3060, 0.3683, 0.3156 looks on a white background.

Color Contrast Check

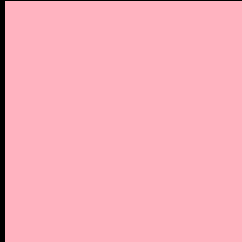
Large Text (above 18pt) WCAG AA × Fail

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 57.3060, 0.3683, 0.3156 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 57.3060, 0.3683, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 57.3060, 0.3683, 0.3156.



This preview shows how white text looks on a background with the Yxy color 57.3060, 0.3683, 0.3156.

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

57.3060, 0.3683, 0.3156

Protanopia

57.7152, 0.3122, 0.3243

Deuteranopia

57.5020, 0.3405, 0.3337



Tritanopia

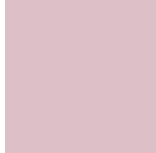
57.3505, 0.3674, 0.3145

Trichromacy



Original Color

57.3060, 0.3683, 0.3156



Protanomaly

57.1949, 0.3311, 0.3211



Deuteranomaly

57.3463, 0.3508, 0.3269



Tritanomaly

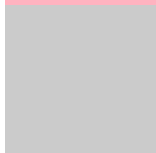
57.3505, 0.3674, 0.3145

Monochromacy



Original Color

57.3060, 0.3683, 0.3156



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.2367, 0.3316, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3060, 0.3683, 0.3156 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.3060, 0.3683, 0.3156 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, 192) }
```

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

```
.border{ border-color:rgb(255, 179, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3060, 0.3683, 0.3156 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
179, 192) }
```

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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