

Converting Colors

$Yxy(57.3083, 0.3628, 0.3083)$

Have a look what the booklet for
Yxy(57.3083, 0.3628, 0.3083)
contains.

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Color

Yxy(57.1780, 0.3632, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2C6
RGB	255, 178, 198
RGB Percent	100%, 70%, 78%
CMY	0.0000, 0.3020, 0.2234
CMYK	0.00, 0.30, 0.22, 0.00
HSL	344°, 100%, 85%
HSV	344°, 30%, 100%
XYZ	67.3599, 57.1780, 60.9243
YIQ	203.3030, 39.4720, 22.5440

Conversions

Conversions Part 2

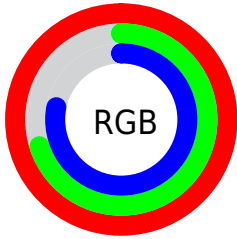
Format	Color
R _Y B	255, 178, 198
Decimal	16757446
CIE Lab	80.28, 30.79, 1.19
CIE LCh	80, 30.809, 2.219
Yxy	57.1780, 0.3632, 0.3083
Android (android.graphics.Color)	4294947526 (0xFFFFB2C6)
YUV	203.3030, -2.6144, 45.3383
Hunter-Lab	75.6161, 26.6820, 5.1610

Details

The Yxy color **57.1780, 0.3632, 0.3083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9812, 0.2789, 0.3510**, and the grayscale version is **59.9185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.5512, 0.3766, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **47.1387, 0.3879, 0.3013**, and if you desaturate by 10%, it is **69.2105, 0.3429, 0.3155**.

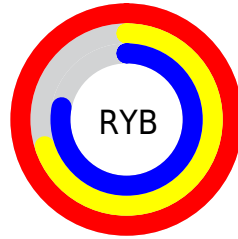
Distribution



Red (100%)

Green (70%)

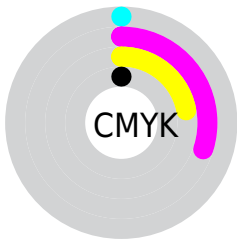
Blue (78%)



Red (100%)

Yellow (70%)

Blue (78%)

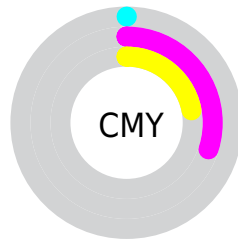


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1780, 0.3632, 0.3083 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 57.1780, 0.3632, 0.3083 by changing the saturation by 10% instead.


 57.1780, 0.3632,
0.3083

 57.1780, 0.3632,
0.3083

414.1160, 0.3388,
0.3184

 41.1482, 0.3691,
0.3059


 100.7249, 0.3545,
0.3119

 28.4349, 0.3764,
0.3028


129.0107, 0.3512,
0.3133

 18.6537, 0.3860,
0.2988


162.1506, 0.3484,
0.3144

 11.4203, 0.3990,
0.2933

200.5291, 0.3459,
0.3155

 6.3503, 0.4174,
0.2855

244.5305, 0.3438,
0.3163

 3.0592, 0.4456,
0.2734


294.5391, 0.3419,


 1.1627, 0.4937,


0.3171


0.2525


350.9395, 0.3403,
0.3178


 0.0310, 0.9619,
0.0381


 0.0000, 0.0000,
0.0000


 57.1780, 0.3632,
0.3083


 57.1780, 0.3632,
0.3083

 47.1387, 0.3879,
0.3013

 69.2105, 0.3429,
0.3155

 38.9857, 0.4176,
0.2949

 83.3385, 0.3263,
0.3224

 32.5994, 0.4520,
0.2901

99.6548, 0.3130,
0.3289

 27.8471, 0.4899,
0.2880

100.0000, 0.3127,
0.3290

■ 24.5768, 0.5290,
0.2896

■ 22.6079, 0.5652,
0.2957

■ 21.6571, 0.5944,
0.3048

Harmonies

Analogous

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



57.1780, 0.3243, 0.2819



57.1780, 0.3632, 0.3083



57.1780, 0.3884, 0.3404

Triad

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



57.1780, 0.3632, 0.3083



57.1780, 0.3376, 0.4009



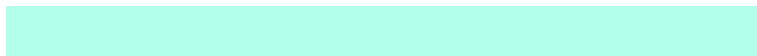
57.1780, 0.2393, 0.2799

Complementary

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



57.1780, 0.3632, 0.3083



86.9812, 0.2789, 0.3510

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.



57.1780, 0.2424, 0.3098



57.1780, 0.3632, 0.3083



57.1780, 0.2976, 0.3838

Square

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



57.1780, 0.3632, 0.3083



57.1780, 0.3723, 0.3951



57.1780, 0.2631, 0.3488



57.1780, 0.2541, 0.2651

Rectangle

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



57.1780, 0.3632, 0.3083



57.1780, 0.3931, 0.3620



57.1780, 0.2631, 0.3488



57.1780, 0.2383, 0.2883

Sweetspot

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



57.1774, 0.3632, 0.3083



85.1755, 0.3246, 0.3232



56.6305, 0.3003, 0.2499



17.7543, 0.3267, 0.3222



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.



57.1774, 0.3632, 0.3083



51.1164, 0.3770, 0.3042



63.9376, 0.3755, 0.3479



18.0646, 0.3253, 0.3228



11.3368, 0.5904, 0.3026



1.1208, 0.5587, 0.2851

Inverse Universe

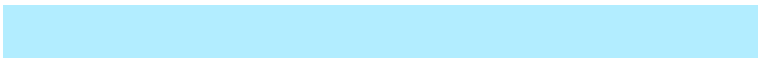
The Inverse Universe completely reimagines the original color for something new.



57.1774, 0.3632, 0.3083



51.1164, 0.3770, 0.3042



77.2716, 0.2668, 0.3091



18.0646, 0.3253, 0.3228



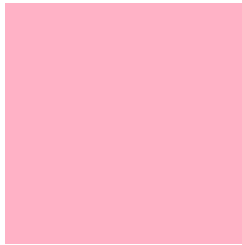
11.3368, 0.5904, 0.3026



1.1208, 0.5587, 0.2851

Previews

White Background



This preview shows how the Yxy color 57.1780, 0.3632, 0.3083 looks on a white background.

Color Contrast Check

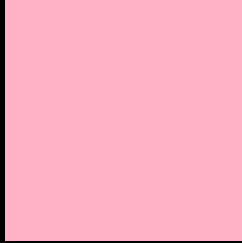
Large Text (above 18pt) WCAG AA × Fail

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 57.1780, 0.3632, 0.3083 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 57.1780, 0.3632, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 57.1780, 0.3632, 0.3083.



This preview shows how white text looks on a background with the Yxy color 57.1780, 0.3632, 0.3083.

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

57.1780, 0.3632, 0.3083

Protanopia

57.3207, 0.3056, 0.3148

Deuteranopia

57.2957, 0.3333, 0.3268



Tritanopia

57.1613, 0.3665, 0.3145

Trichromacy



Original Color

57.1780, 0.3632, 0.3083



Protanomaly

56.9335, 0.3249, 0.3120



Deuteranomaly

57.2756, 0.3441, 0.3202



Tritanomaly

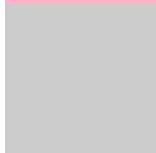
57.2512, 0.3648, 0.3124

Monochromacy



Original Color

57.1780, 0.3632, 0.3083



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.3302, 0.3301, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1780, 0.3632, 0.3083 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 198) }
```

Border

The CSS property to change the border of an element to Yxy 57.1780, 0.3632, 0.3083 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, 198) }
```

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

```
.border{ border-color:rgb(255, 178, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1780, 0.3632, 0.3083 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
178, 198) }
```

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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