

Converting Colors

Yxy(57.2904, 0.3648, 0.3108)

Have a look what the booklet for
Yxy(57.2904, 0.3648, 0.3108)
contains.

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Color

Yxy(57.0863, 0.3650, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2C4
RGB	255, 178, 196
RGB Percent	100%, 70%, 77%
CMY	0.0000, 0.3020, 0.2314
CMYK	0.00, 0.30, 0.23, 0.00
HSL	346°, 100%, 85%
HSV	346°, 30%, 100%
XYZ	67.1279, 57.0863, 59.6979
YIQ	203.0750, 40.1140, 21.9220

Conversions

Conversions Part 2

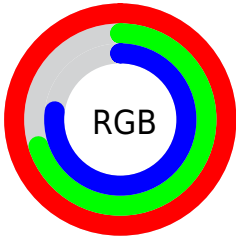
Format	Color
R_{YB}	255, 178, 196
Decimal	16757444
CIE _{Lab}	80.23, 30.50, 2.22
CIE _{LCh}	80, 30.576, 4.159
Yxy	57.0863, 0.3650, 0.3104
Android (android.graphics.Color)	4294947524 (0xFFFFB2C4)
YUV	203.0750, -3.4880, 45.5382
Hunter-Lab	75.5555, 26.3677, 6.0427

Details

The Yxy color **57.0863, 0.3650, 0.3104** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0999, 0.2779, 0.3487**, and the grayscale version is **59.7719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1975, 0.3149, 0.3107**, and **28.4905, 0.3791, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **47.0312, 0.3907, 0.3041**, and if you desaturate by 10%, it is **69.1417, 0.3439, 0.3168**.

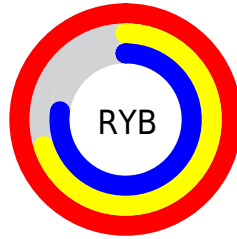
Distribution



Red (100%)

Green (70%)

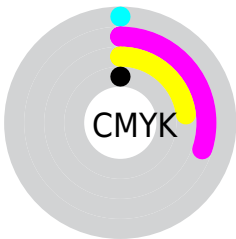
Blue (77%)



Red (100%)

Yellow (70%)

Blue (77%)

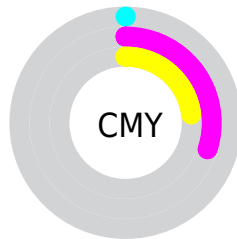


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0863, 0.3650, 0.3104 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 57.0863, 0.3650, 0.3104 by changing the saturation by 10% instead.


 57.0863, 0.3650,
0.3104

 57.0863, 0.3650,
0.3104


413.7726, 0.3397,
0.3196

 41.0745, 0.3711,
0.3082


 100.5911, 0.3560,
0.3137

 28.3773, 0.3788,
0.3053


128.8529, 0.3525,
0.3149

 18.6103, 0.3887,
0.3016


161.9669, 0.3496,
0.3160

 11.3890, 0.4022,
0.2966

200.3174, 0.3471,
0.3169

 6.3291, 0.4214,
0.2892

244.2888, 0.3449,
0.3177

 3.0462, 0.4509,
0.2778

294.2656, 0.3429,

 1.1559, 0.5012,

0.3184

0.2576

350.6320, 0.3412,
0.3190

0.0253, 0.9682,
0.0318

0.0000, 0.0000,
0.0000

57.0863, 0.3650,
0.3104

57.0863, 0.3650,
0.3104

47.0312, 0.3907,
0.3041

69.1417, 0.3439,
0.3168

38.8696, 0.4216,
0.2984

83.3007, 0.3268,
0.3231

32.4811, 0.4574,
0.2943

99.6563, 0.3130,
0.3289

27.7325, 0.4968,
0.2926

100.0000, 0.3127,
0.3290

■ 24.4712, 0.5370,
0.2945

■ 22.5159, 0.5737,
0.3005

■ 21.5818, 0.6024,
0.3092

Harmonies

Analogous

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



57.0863, 0.3269, 0.2837



57.0863, 0.3650, 0.3104



57.0863, 0.3888, 0.3425

Triad

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



57.0863, 0.3650, 0.3104



57.0863, 0.3349, 0.4000



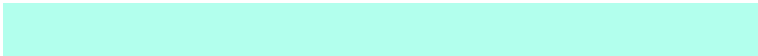
57.0863, 0.2402, 0.2788

Complementary

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



57.0863, 0.3650, 0.3104



87.0999, 0.2779, 0.3487

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.



57.0863, 0.2421, 0.3077



57.0863, 0.3650, 0.3104



57.0863, 0.2952, 0.3816

Square

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



57.0863, 0.3650, 0.3104



57.0863, 0.3701, 0.3957



57.0863, 0.2616, 0.3461



57.0863, 0.2560, 0.2651

Rectangle

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



57.0863, 0.3650, 0.3104



57.0863, 0.3925, 0.3638



57.0863, 0.2616, 0.3461



57.0863, 0.2389, 0.2869

Sweetspot

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



57.0855, 0.3650, 0.3104



85.1399, 0.3250, 0.3238



56.8506, 0.3013, 0.2501



17.7456, 0.3272, 0.3229



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.



57.0855, 0.3650, 0.3104



51.0134, 0.3793, 0.3067



64.5202, 0.3751, 0.3493



18.0566, 0.3257, 0.3235



11.2958, 0.5986, 0.3071



1.1158, 0.5675, 0.2900

Inverse Universe

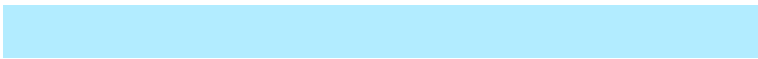
The Inverse Universe completely reimagines the original color for something new.



57.0855, 0.3650, 0.3104



51.0134, 0.3793, 0.3067



76.5318, 0.2667, 0.3077



18.0566, 0.3257, 0.3235



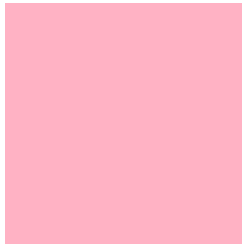
11.2958, 0.5986, 0.3071



1.1158, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 57.0863, 0.3650, 0.3104 looks on a white background.

Color Contrast Check

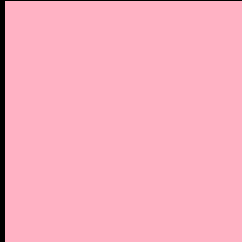
Large Text (above 18pt) WCAG AA × Fail

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 57.0863, 0.3650, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

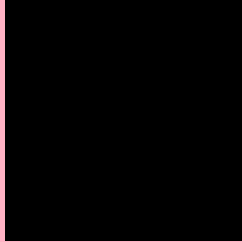
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0863, 0.3650, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 57.0863, 0.3650, 0.3104.



This preview shows how white text looks on a background with the Yxy color 57.0863, 0.3650, 0.3104.

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

57.0863, 0.3650, 0.3104

Protanopia

57.2216, 0.3071, 0.3172

Deuteranopia

57.3623, 0.3357, 0.3291



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.0863, 0.3650, 0.3104



Protanomaly

56.8369, 0.3265, 0.3142



Deuteranomaly

57.1851, 0.3458, 0.3224



Tritanomaly

57.3505, 0.3674, 0.3145

Monochromacy



Original Color

57.0863, 0.3650, 0.3104



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.2833, 0.3309, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0863, 0.3650, 0.3104 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 196) }
```

Border

The CSS property to change the border of an element to Yxy 57.0863, 0.3650, 0.3104 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, 196) }
```

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

```
.border{ border-color:rgb(255, 178, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0863, 0.3650, 0.3104 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
178, 196) }
```

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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