

Converting Colors

Yxy(58.3788, 0.3615, 0.3100)

Have a look what the booklet for
Yxy(58.3788, 0.3615, 0.3100)
contains.

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Color

Yxy(58.4313, 0.3617, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C7
RGB	255, 181, 199
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2903, 0.2196
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 85%
HSV	345°, 29%, 100%
XYZ	68.0883, 58.4313, 61.7256
YIQ	205.1780, 38.3260, 21.2860

Conversions

Conversions Part 2

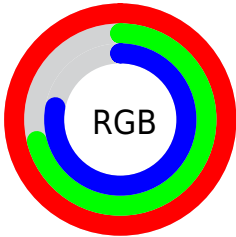
Format	Color
R _Y B	255, 181, 199
Decimal	16758215
CIE Lab	80.98, 29.38, 1.68
CIE LCh	81, 29.424, 3.269
Yxy	58.4313, 0.3617, 0.3104
Android (android.graphics.Color)	4294948295 (0xFFFFB5C7)
YUV	205.1780, -3.0458, 43.6939
Hunter-Lab	76.4404, 25.2259, 5.6316

Details

The Yxy color **58.4313, 0.3617, 0.3104** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4542, 0.2794, 0.3487**, and the grayscale version is **61.1626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.0934, 0.3747, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **48.1465, 0.3865, 0.3038**, and if you desaturate by 10%, it is **70.7115, 0.3413, 0.3171**.

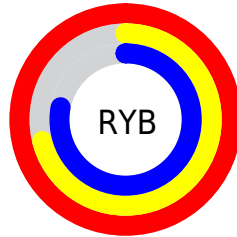
Distribution



Red (100%)

Green (71%)

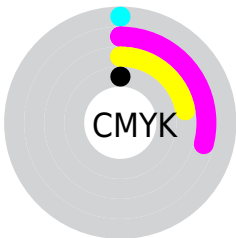
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

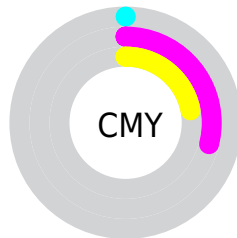


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4313, 0.3617, 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 58.4313, 0.3617, 0.3104 by changing the saturation by 10% instead.


 58.4313, 0.3617,
0.3104

 58.4313, 0.3617,
0.3104


418.7911, 0.3381,
0.3195

 42.1555, 0.3673,
0.3082


 102.5507, 0.3533,
0.3136

 29.2231, 0.3744,
0.3054


131.1630, 0.3501,
0.3149

 19.2496, 0.3837,
0.3018


164.6563, 0.3474,
0.3159

 11.8508, 0.3961,
0.2969

203.4150, 0.3450,
0.3168

 6.6422, 0.4137,
0.2899

247.8234, 0.3429,
0.3176

 3.2393, 0.4405,
0.2790


298.2660, 0.3411,

 1.2579, 0.4861,


0.3183


0.2602


355.1271, 0.3395,
0.3189


 0.1083, 0.8828,
0.1166

 0.0000, 0.0000,
0.0000


 58.4313, 0.3617,
0.3104


 58.4313, 0.3617,
0.3104

 48.1465, 0.3865,
0.3038


 70.7115, 0.3413,
0.3171

 39.7730, 0.4163,
0.2978

 85.1107, 0.3249,
0.3235

 33.1847, 0.4510,
0.2931

100.0000, 0.3127,
0.3290

 28.2504, 0.4896,
0.2909

■ 24.8206, 0.5295,
0.2923

■ 22.7182, 0.5666,
0.2978

■ 21.6837, 0.5969,
0.3068

■ 21.6089, 0.5995,
0.3076

Harmonies

Analogous

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



58.4313, 0.3252, 0.2849



58.4313, 0.3617, 0.3104



58.4313, 0.3849, 0.3411

Triad

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



58.4313, 0.3617, 0.3104



58.4313, 0.3351, 0.3968



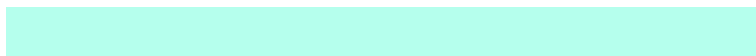
58.4313, 0.2431, 0.2817

Complementary

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



58.4313, 0.3617, 0.3104



87.4542, 0.2794, 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.



58.4313, 0.2455, 0.3098



58.4313, 0.3617, 0.3104



58.4313, 0.2972, 0.3799

Square

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



58.4313, 0.3617, 0.3104



58.4313, 0.3684, 0.3923



58.4313, 0.2647, 0.3465



58.4313, 0.2578, 0.2680

Rectangle

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



58.4313, 0.3617, 0.3104



58.4313, 0.3889, 0.3616



58.4313, 0.2647, 0.3465



58.4313, 0.2419, 0.2896

Sweetspot

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



58.4234, 0.3617, 0.3104



85.1532, 0.3248, 0.3235



58.1773, 0.3018, 0.2533



17.7488, 0.3270, 0.3226



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.



58.4234, 0.3617, 0.3104



52.0503, 0.3759, 0.3064



65.6658, 0.3720, 0.3484



18.0596, 0.3256, 0.3232



11.3106, 0.5956, 0.3054



1.1176, 0.5642, 0.2882

Inverse Universe

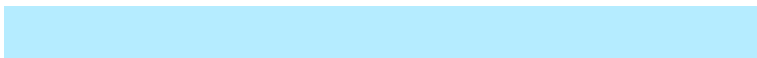
The Inverse Universe completely reimagines the original color for something new.



58.4234, 0.3617, 0.3104



52.0503, 0.3759, 0.3064



77.3177, 0.2684, 0.3086



18.0596, 0.3256, 0.3232



11.3106, 0.5956, 0.3054



1.1176, 0.5642, 0.2882

Previews

White Background



This preview shows how the Yxy color 58.4313, 0.3617, 0.3104 looks on a white background.

Color Contrast Check

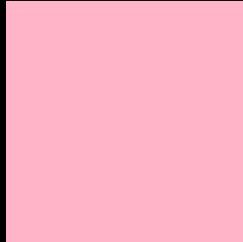
Large Text (above 18pt) WCAG AA × Fail

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 58.4313, 0.3617, 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 58.4313, 0.3617, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 58.4313, 0.3617, 0.3104.



This preview shows how white text looks on a background with the Yxy color 58.4313, 0.3617, 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

58.4313, 0.3617, 0.3104

Protanopia

58.5183, 0.3071, 0.3173

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.4313, 0.3617, 0.3104



Protanomaly

57.9683, 0.3255, 0.3143



Deuteranomaly

58.5203, 0.3446, 0.3214



Tritanomaly

58.7014, 0.3640, 0.3146

Monochromacy



Original Color

58.4313, 0.3617, 0.3104



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.4796, 0.3291, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4313, 0.3617, 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, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 199)  
}
```

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, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 199) }
```

Border

The CSS property to change the border of an element to Yxy 58.4313, 0.3617, 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, 181, 199) }
```

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

```
.border{ border-color:rgb(255, 181, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4313, 0.3617, 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, 181, 199) }
```

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

```
.background{ background-color: rgb(255,  
181, 199) }
```

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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