

Converting Colors

$Yxy(58.8035, 0.3633, 0.3091)$

Have a look what the booklet for
Yxy(58.8035, 0.3633, 0.3091)
contains.

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Color

Yxy(58.4779, 0.3608, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C8
RGB	255, 181, 200
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2902, 0.2157
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 85%
HSV	345°, 29%, 100%
XYZ	68.1927, 58.4779, 62.3336
YIQ	205.2920, 38.0050, 21.5970

Conversions

Conversions Part 2

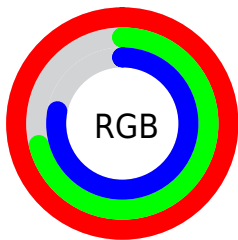
Format	Color
R _Y B	255, 181, 200
Decimal	16758216
CIE Lab	81.00, 29.49, 1.18
CIE LCh	81, 29.517, 2.292
Yxy	58.4779, 0.3608, 0.3094
Android (android.graphics.Color)	4294948296 (0xFFFFB5C8)
YUV	205.2920, -2.6090, 43.5939
Hunter-Lab	76.4708, 25.3530, 5.2006

Details

The Yxy color **58.4779, 0.3608, 0.3094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4001, 0.2799, 0.3497**, and the grayscale version is **61.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.1244, 0.3735, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **48.2074, 0.3851, 0.3024**, and if you desaturate by 10%, it is **70.7556, 0.3409, 0.3165**.

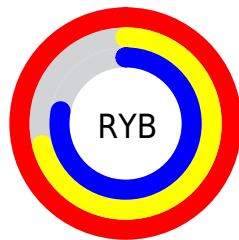
Distribution



Red (100%)

Green (71%)

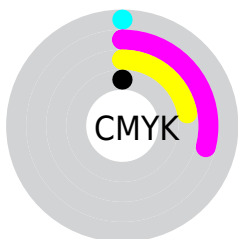
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

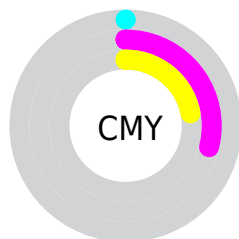


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4779, 0.3608, 0.3094 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 58.4779, 0.3608, 0.3094 by changing the saturation by 10% instead.


 58.4779, 0.3608,
0.3094

 58.4779, 0.3608,
0.3094


418.9643, 0.3376,
0.3189

 42.1930, 0.3663,
0.3071

 102.6185, 0.3526,
0.3128

 29.2524, 0.3733,
0.3042


131.2429, 0.3494,
0.3141

 19.2719, 0.3823,
0.3005


164.7493, 0.3467,
0.3152

 11.8669, 0.3945,
0.2954


203.5220, 0.3444,
0.3161

 6.6531, 0.4117,
0.2881

247.9455, 0.3424,
0.3170

 3.2461, 0.4379,
0.2770


298.4041, 0.3406,

 1.2615, 0.4824,

0.3177

0.2578


355.2823, 0.3390,
0.3183


 0.1111, 0.8466,
0.1139


 0.0000, 0.0000,
0.0000


 58.4779, 0.3608,
0.3094


 58.4779, 0.3608,
0.3094

 48.2074, 0.3851,
0.3024


 70.7556, 0.3409,
0.3165

 39.8371, 0.4143,
0.2960

 85.1407, 0.3247,
0.3232

 33.2488, 0.4484,
0.2911

100.0000, 0.3127,
0.3290

 28.3118, 0.4862,
0.2887

■ 24.8766, 0.5255,
0.2899

■ 22.7668, 0.5623,
0.2954

■ 21.7233, 0.5928,
0.3045

■ 21.6470, 0.5955,
0.3054

Harmonies

Analogous

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



58.4779, 0.3239, 0.2841



58.4779, 0.3608, 0.3094



58.4779, 0.3847, 0.3401

Triad

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



58.4779, 0.3608, 0.3094



58.4779, 0.3364, 0.3972



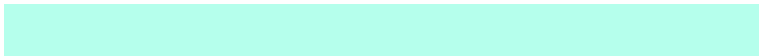
58.4779, 0.2427, 0.2822

Complementary

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



58.4779, 0.3608, 0.3094



87.4001, 0.2799, 0.3497

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.



58.4779, 0.2456, 0.3108



58.4779, 0.3608, 0.3094



58.4779, 0.2983, 0.3809

Square

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



58.4779, 0.3608, 0.3094



58.4779, 0.3695, 0.3920



58.4779, 0.2654, 0.3478



58.4779, 0.2569, 0.2680

Rectangle

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



58.4779, 0.3608, 0.3094



58.4779, 0.3892, 0.3607



58.4779, 0.2654, 0.3478



58.4779, 0.2417, 0.2903

Sweetspot

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



58.4777, 0.3608, 0.3094



85.1710, 0.3246, 0.3233



57.9754, 0.3009, 0.2531



17.7532, 0.3268, 0.3223



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.



58.4777, 0.3608, 0.3094



52.1010, 0.3748, 0.3052



65.1064, 0.3724, 0.3472



18.0636, 0.3254, 0.3229



11.3314, 0.5914, 0.3032



1.1201, 0.5598, 0.2858

Inverse Universe

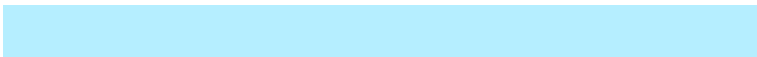
The Inverse Universe completely reimagines the original color for something new.



58.4777, 0.3608, 0.3094



52.1010, 0.3748, 0.3052



78.0377, 0.2685, 0.3100



18.0636, 0.3254, 0.3229



11.3314, 0.5914, 0.3032



1.1201, 0.5598, 0.2858

Previews

White Background



This preview shows how the Yxy color 58.4779, 0.3608, 0.3094 looks on a white background.

Color Contrast Check

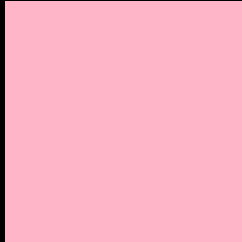
Large Text (above 18pt) WCAG AA × Fail

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 58.4779, 0.3608, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

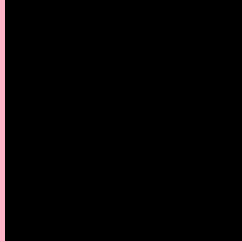
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4779, 0.3608, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 58.4779, 0.3608, 0.3094.



This preview shows how white text looks on a background with the Yxy color 58.4779, 0.3608, 0.3094.

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

58.4779, 0.3608, 0.3094

Protanopia

58.5683, 0.3064, 0.3161

Deuteranopia

58.5910, 0.3331, 0.3268



Tritanopia

58.7014, 0.3640, 0.3146

Trichromacy



Original Color

58.4779, 0.3608, 0.3094



Protanomaly

58.0171, 0.3247, 0.3132



Deuteranomaly

58.3966, 0.3430, 0.3203



Tritanomaly

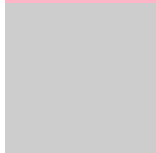
58.7471, 0.3632, 0.3135

Monochromacy



Original Color

58.4779, 0.3608, 0.3094



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 58.4779, 0.3608, 0.3094 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.4779, 0.3608, 0.3094 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, 200) }
```

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

```
.border{ border-color:rgb(255, 181, 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, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4779, 0.3608, 0.3094 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, 200) }
```

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

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