

Converting Colors

Yxy(58.6396, 0.3595, 0.3134)

Have a look what the booklet for
Yxy(58.6396, 0.3595, 0.3134)
contains.

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Color

Yxy(58.6396, 0.3595, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	FCB7C6
RGB	252, 183, 198
RGB Percent	99%, 72%, 78%
CMY	0.0119, 0.2823, 0.2235
CMYK	0.00, 0.27, 0.21, 0.01
HSL	347°, 92%, 85%
HSV	347°, 27%, 99%
XYZ	67.2653, 58.6396, 61.2030
YIQ	205.3410, 36.3090, 19.2930

Conversions

Conversions Part 2

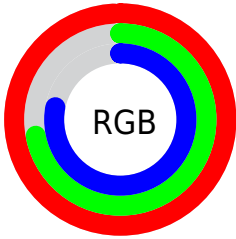
Format	Color
R_{YB}	252, 183, 198
Decimal	16562118
CIE _{Lab}	81.09, 27.07, 2.34
CIE _{LCh}	81, 27.172, 4.951
Yxy	58.6396, 0.3595, 0.3134
Android (android.graphics.Color)	4294752198 (0xFFFCB7C6)
YUV	205.3410, -3.6191, 40.9199
Hunter-Lab	76.5765, 22.7866, 6.2166

Details

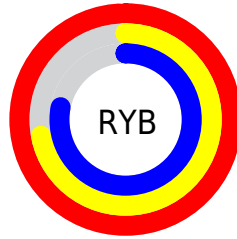
The Yxy color **58.6396, 0.3595, 0.3134** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7885, 0.2803, 0.3454**, and the grayscale version is **61.2862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **29.1835, 0.3718, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **48.3089, 0.3844, 0.3075**, and if you desaturate by 10%, it is **70.9549, 0.3392, 0.3194**.

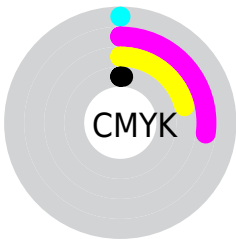
Distribution



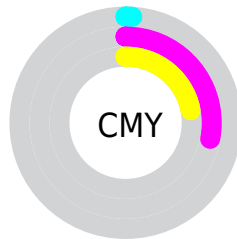
- Red (99%)
- Green (72%)
- Blue (78%)



- Red (99%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6396, 0.3595, 0.3134 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 58.6396, 0.3595, 0.3134 by changing the saturation by 10% instead.


 58.6396, 0.3595,
0.3134

 58.6396, 0.3595,
0.3134


419.5650, 0.3369,
0.3211

 42.3231, 0.3649,
0.3115


 102.8537, 0.3515,
0.3161

 29.3543, 0.3717,
0.3092


131.5200, 0.3484,
0.3172

 19.3490, 0.3805,
0.3061


165.0717, 0.3458,
0.3181

 11.9228, 0.3924,
0.3019

203.8932, 0.3435,
0.3188

 6.6911, 0.4093,
0.2958

248.3689, 0.3416,
0.3195

 3.2697, 0.4350,
0.2863


298.8832, 0.3398,

 1.2741, 0.4789,

0.3201

0.2696


355.8204, 0.3383,
0.3206


 0.1210, 0.8651,
0.1349

 0.0000, 0.0000,
0.0000


 58.6396, 0.3595,
0.3134


 58.6396, 0.3595,
0.3134


 48.3089, 0.3844,
0.3075


 70.9549, 0.3392,
0.3194

 39.8507, 0.4145,
0.3020

 85.3428, 0.3228,
0.3250

 33.1545, 0.4497,
0.2977

 99.4309, 0.3108,
0.3290

 28.0947, 0.4892,
0.2955

■ 24.5287, 0.5303,
0.2965

■ 22.2894, 0.5688,
0.3013

■ 21.1608, 0.6000,
0.3095

■ 20.9646, 0.6068,
0.3117

Harmonies

Analogous

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



58.6396, 0.3263, 0.2892



58.6396, 0.3595, 0.3134



58.6396, 0.3799, 0.3421

Triad

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



58.6396, 0.3595, 0.3134



58.6396, 0.3317, 0.3910



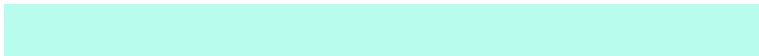
58.6396, 0.2485, 0.2843

Complementary

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



58.6396, 0.3595, 0.3134



85.7885, 0.2803, 0.3454

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.



58.6396, 0.2499, 0.3098



58.6396, 0.3595, 0.3134



58.6396, 0.2966, 0.3743

Square

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



58.6396, 0.3595, 0.3134



58.6396, 0.3628, 0.3882



58.6396, 0.2670, 0.3433



58.6396, 0.2631, 0.2722

Rectangle

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



58.6396, 0.3595, 0.3134



58.6396, 0.3829, 0.3609



58.6396, 0.2670, 0.3433



58.6396, 0.2472, 0.2914

Sweetspot

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



58.6423, 0.3595, 0.3134



86.6819, 0.3237, 0.3247



58.7138, 0.3035, 0.2580



18.0517, 0.3260, 0.3239



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.



58.6423, 0.3595, 0.3134



54.0095, 0.3730, 0.3100



66.0732, 0.3674, 0.3484



17.2870, 0.3260, 0.3239



10.9407, 0.6030, 0.3096



1.0283, 0.5709, 0.2919

Inverse Universe

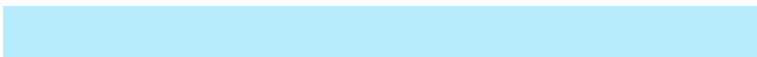
The Inverse Universe completely reimagines the original color for something new.



58.6423, 0.3595, 0.3134



54.0095, 0.3730, 0.3100



75.7066, 0.2707, 0.3086



17.2870, 0.3260, 0.3239



10.9407, 0.6030, 0.3096



1.0283, 0.5709, 0.2919

Previews

White Background



This preview shows how the Yxy color 58.6396, 0.3595, 0.3134 looks on a white background.

Color Contrast Check

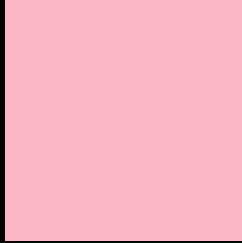
Large Text (above 18pt) WCAG AA × Fail

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 58.6396, 0.3595, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

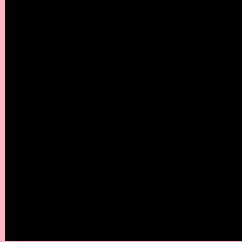
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6396, 0.3595, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 58.6396, 0.3595, 0.3134.



This preview shows how white text looks on a background with the Yxy color 58.6396, 0.3595, 0.3134.

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

58.6396, 0.3595, 0.3134

Protanopia

59.0239, 0.3093, 0.3208

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.5936, 0.3604, 0.3144

Trichromacy



Original Color

58.6396, 0.3595, 0.3134

Protanomaly

58.3154, 0.3269, 0.3177

Deuteranomaly

58.7852, 0.3436, 0.3225

Tritanomaly

58.5936, 0.3604, 0.3144

Monochromacy



Original Color

58.6396, 0.3595, 0.3134

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7264, 0.3290, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6396, 0.3595, 0.3134 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(252, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 183, 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(252, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 183, 198) }
```

Border

The CSS property to change the border of an element to Yxy 58.6396, 0.3595, 0.3134 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(252, 183, 198) }
```

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

```
.border{ border-color:rgb(252, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 183,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6396, 0.3595, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 183, 198) }
```

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

```
.background{ background-color: rgb(252,  
183, 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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