

Converting Colors

$Yxy(59.7860, 0.3425, 0.3098)$

Have a look what the booklet for
Yxy(59.7860, 0.3425, 0.3098)
contains.

Yxy(59.7774, 0.3425, 0.3098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.7774, 0.3425, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	F2BDCF
RGB	242, 189, 207
RGB Percent	95%, 74%, 81%
CMY	0.0508, 0.2589, 0.1882
CMYK	0.00, 0.22, 0.14, 0.05
HSL	340°, 67%, 85%
HSV	340°, 22%, 95%
XYZ	66.0870, 59.7774, 67.0904
YIQ	206.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

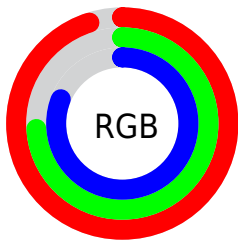
Format	Color
R _Y B	242, 189, 207
Decimal	15908303
CIE Lab	81.72, 21.76, -1.71
CIE LCh	82, 21.831, 355.505
Yxy	59.7774, 0.3425, 0.3098
Android (android.graphics.Color)	4294098383 (0xFFFF2BDCF)
YUV	206.8990, 0.0498, 30.7836
Hunter-Lab	77.3158, 17.2732, 2.6725

Details

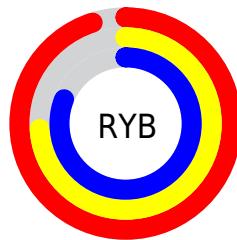
The Yxy color **59.7774, 0.3425, 0.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7250, 0.2899, 0.3491**, and the grayscale version is **62.3188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.9421, 0.3496, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **49.4798, 0.3611, 0.3005**, and if you desaturate by 10%, it is **71.8970, 0.3273, 0.3189**.

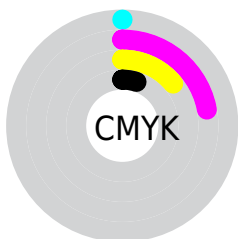
Distribution



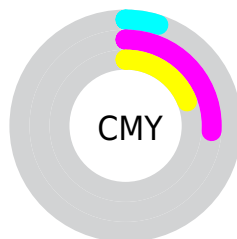
- Red (95%)
- Green (74%)
- Blue (81%)



- Red (95%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7774, 0.3425, 0.3098 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 59.7774, 0.3425, 0.3098 by changing the saturation by 10% instead.

 59.7774, 0.3425,
0.3098

 59.7774, 0.3425,
0.3098

423.7768, 0.3283,
0.3189

 43.2392, 0.3459,
0.3077


 104.5067, 0.3375,
0.3130

 30.0729, 0.3501,
0.3050


133.4666, 0.3355,
0.3143

 19.8939, 0.3556,
0.3015


167.3359, 0.3339,
0.3153

 12.3179, 0.3629,
0.2969

206.4990, 0.3325,
0.3162

 6.9606, 0.3732,
0.2904

251.3402, 0.3312,
0.3170

 3.4375, 0.3889,
0.2807

302.2440, 0.3301,

 1.3642, 0.4154,

0.3177

0.2645

359.5947, 0.3291,
0.3184

0.1901, 0.5795,
0.1547

0.0000, 0.0000,
0.0000

59.7774, 0.3425,
0.3098

59.7774, 0.3425,
0.3098

49.4798, 0.3611,
0.3005

71.8970, 0.3273,
0.3189

40.9075, 0.3835,
0.2914

85.9129, 0.3148,
0.3274

33.9674, 0.4101,
0.2832

97.6204, 0.3048,
0.3290

28.5539, 0.4406,
0.2769

97.6232, 0.3048,
0.3290

■ 24.5492, 0.4742,
0.2737

■ 21.8177, 0.5090,
0.2749

■ 20.1970, 0.5421,
0.2811

■ 19.4956, 0.5659,
0.2891

Harmonies

Analogous

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



59.7774, 0.3147, 0.2920



59.7774, 0.3425, 0.3098



59.7774, 0.3626, 0.3326

Triad

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



59.7774, 0.3425, 0.3098



59.7774, 0.3367, 0.3791



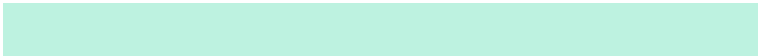
59.7774, 0.2598, 0.2989

Complementary

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



59.7774, 0.3425, 0.3098



79.7250, 0.2899, 0.3491

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.



59.7774, 0.2652, 0.3221



59.7774, 0.3425, 0.3098



59.7774, 0.3088, 0.3704

Square

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



59.7774, 0.3425, 0.3098



59.7774, 0.3588, 0.3730



59.7774, 0.2828, 0.3488



59.7774, 0.2678, 0.2852

Rectangle

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



59.7774, 0.3425, 0.3098



59.7774, 0.3684, 0.3482



59.7774, 0.2828, 0.3488



59.7774, 0.2601, 0.3058

Sweetspot

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



59.7801, 0.3425, 0.3098



88.3992, 0.3209, 0.3231



58.5669, 0.3010, 0.2720



18.7178, 0.3216, 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.



59.7801, 0.3425, 0.3098



62.2404, 0.3498, 0.3059



62.4658, 0.3556, 0.3377



15.8474, 0.3240, 0.3210



10.4928, 0.5616, 0.2867



0.8908, 0.5248, 0.2665

Inverse Universe

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



59.7801, 0.3425, 0.3098



62.2404, 0.3498, 0.3059



76.1203, 0.2795, 0.3201



15.8474, 0.3240, 0.3210



10.4928, 0.5616, 0.2867



0.8908, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 59.7774, 0.3425, 0.3098 looks on a white background.

Color Contrast Check

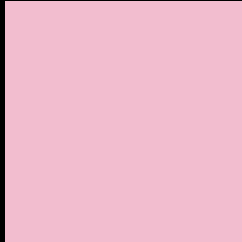
Large Text (above 18pt) WCAG AA × Fail

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 59.7774, 0.3425, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

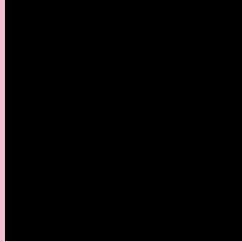
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7774, 0.3425, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 59.7774, 0.3425, 0.3098.



This preview shows how white text looks on a background with the Yxy color 59.7774, 0.3425, 0.3098.

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

59.7774, 0.3425, 0.3098

Protanopia

59.9847, 0.3051, 0.3139

Deuteranopia

59.8699, 0.3267, 0.3200



Tritanopia

59.6321, 0.3449, 0.3130

Trichromacy



Original Color

59.7774, 0.3425, 0.3098

Protanomaly

59.5914, 0.3182, 0.3121

Deuteranomaly

59.6978, 0.3319, 0.3158

Tritanomaly

59.6802, 0.3441, 0.3119

Monochromacy



Original Color

59.7774, 0.3425, 0.3098

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0292, 0.3233, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7774, 0.3425, 0.3098 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(242, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 207)  
}
```

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(242, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.7774, 0.3425, 0.3098 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(242, 189, 207) }
```

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

```
.border{ border-color:rgb(242, 189, 207) }
```

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

Here you see how a box with a 4 pixel rgb(242, 189, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7774, 0.3425, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 207) }
```

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

```
.background{ background-color: rgb(242,  
189, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor