

Converting Colors

$Yxy(88.9765, 0.3079, 0.3192)$

Have a look what the booklet for
Yxy(88.9765, 0.3079, 0.3192)
contains.

Yxy(88.9303, 0.3080, 0.3191)	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(88.9303, 0.3080, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	F3F1FB
RGB	243, 241, 251
RGB Percent	95%, 95%, 98%
CMY	0.0470, 0.0549, 0.0156
CMYK	0.03, 0.04, 0.00, 0.02
HSL	252°, 56%, 96%
HSV	252°, 4%, 98%
XYZ	85.8368, 88.9303, 103.9239
YIQ	242.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

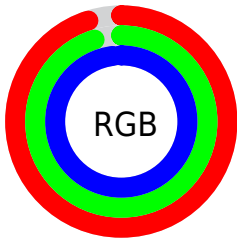
Format	Color
R_{YB}	243, 241, 251
Decimal	15987195
CIE _{Lab}	95.55, 2.47, -4.59
CIE _{LCh}	96, 5.211, 298.339
Yxy	88.9303, 0.3080, 0.3191
Android (android.graphics.Color)	4294177275 (0xFFFF3F1FB)
YUV	242.7380, 4.0732, 0.2298
Hunter-Lab	94.3029, -2.5548, 0.6731

Details

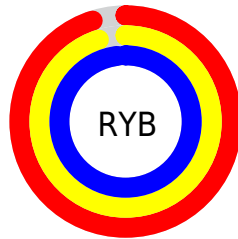
The Yxy color 88.9303, 0.3080, 0.3191 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.4980, 0.3173, 0.3388, and the grayscale version is 89.3820, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.2028, 0.3067, 0.3164 is the 20% darker color. If you saturate the color by 10%, you get 71.7093, 0.2949, 0.2922, and if you desaturate by 10%, it is 99.7464, 0.3150, 0.3328.

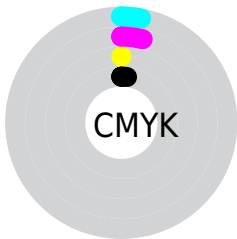
Distribution



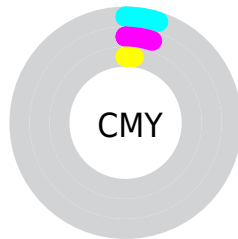
- Red (95%)
- Green (95%)
- Blue (98%)



- Red (95%)
- Yellow (95%)
- Blue (98%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9303, 0.3080, 0.3191 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 88.9303, 0.3080, 0.3191 by changing the saturation by 10% instead.


 88.9303, 0.3080,
0.3191

 88.9303, 0.3080,
0.3191

524.5450, 0.3101,
0.3235

 67.0938, 0.3075,
0.3181


145.8516, 0.3087,
0.3206

 49.1608, 0.3070,
0.3170


181.7052, 0.3090,
0.3212

 34.7471, 0.3062,
0.3155

223.0000, 0.3093,
0.3217

 23.4681, 0.3053,
0.3136

270.1203, 0.3095,
0.3222

 14.9395, 0.3041,
0.3112

323.4506, 0.3097,
0.3225

 8.7770, 0.3024,
0.3078

383.3752, 0.3098,

 4.5960, 0.2999,

0.3229

0.3028

450.2785, 0.3100,
0.3232

■ 2.0122, 0.2958,
0.2949

■ 0.6146, 0.2866,
0.2732

■ 88.9303, 0.3080,
0.3191

■ 88.9303, 0.3080,
0.3191

■ 71.7093, 0.2949,
0.2922

99.7464, 0.3150,
0.3328

■ 56.8257, 0.2800,
0.2625

■ 44.1812, 0.2632,
0.2303

■ 33.6663, 0.2451,
0.1967

■ 25.1621, 0.2261,
0.1630

■ 18.5378, 0.2072,
0.1314

■ 13.6470, 0.1898,
0.1041

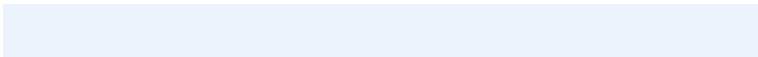
■ 10.3209, 0.1749,
0.0831

■ 8.3553, 0.1637,
0.0697

Harmonies

Analogous

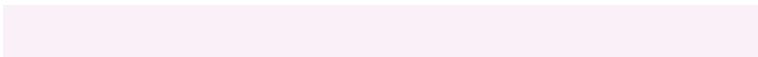
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9303, 0.3034, 0.3196



88.9303, 0.3080, 0.3191



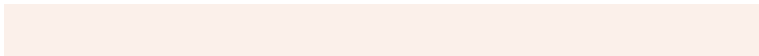
88.9303, 0.3139, 0.3212

Triad

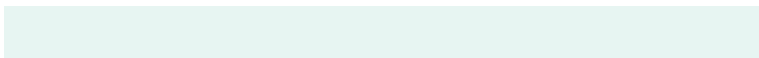
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9303, 0.3080, 0.3191



88.9303, 0.3242, 0.3353



88.9303, 0.3060, 0.3326

Complementary

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



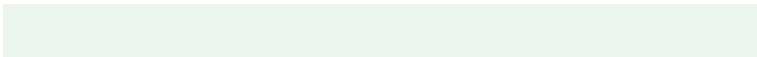
88.9303, 0.3080, 0.3191



95.4980, 0.3173, 0.3388

Split Complementary

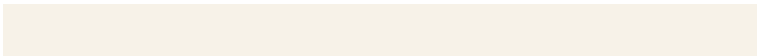
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9303, 0.3115, 0.3370



88.9303, 0.3080, 0.3191



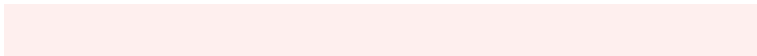
88.9303, 0.3220, 0.3385

Square

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



88.9303, 0.3080, 0.3191



88.9303, 0.3233, 0.3305



88.9303, 0.3174, 0.3391



88.9303, 0.3023, 0.3273

Rectangle

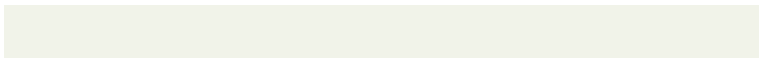
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



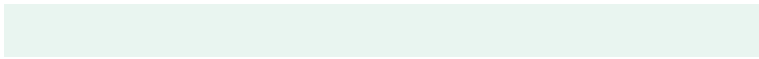
88.9303, 0.3080, 0.3191



88.9303, 0.3177, 0.3238



88.9303, 0.3174, 0.3391



88.9303, 0.3077, 0.3343

Sweetspot

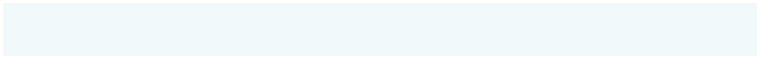
The Sweet Spot groups the original color and five complimentary colors.



88.9341, 0.3080, 0.3191



97.9997, 0.3116, 0.3266



93.4284, 0.3065, 0.3270



20.9970, 0.3116, 0.3267



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.



88.9341, 0.3080, 0.3191



90.2533, 0.3068, 0.3165



89.8351, 0.3112, 0.3192



18.2272, 0.3059, 0.3147



4.0739, 0.1599, 0.0654



0.4197, 0.1703, 0.0712

Inverse Universe

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



90.2624, 0.3144, 0.3212



91.9687, 0.3148, 0.3192



94.5922, 0.3141, 0.3389



18.6257, 0.3151, 0.3179



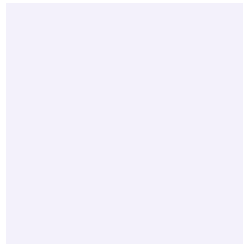
13.0038, 0.3797, 0.1865



1.2191, 0.3713, 0.1819

Previews

White Background



This preview shows how the Yxy color 88.9303, 0.3080, 0.3191 looks on a white background.

Color Contrast Check

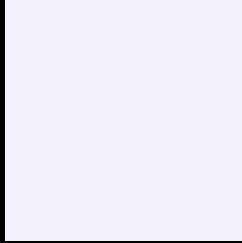
Large Text (above 18pt) WCAG AA × Fail

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 88.9303, 0.3080, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

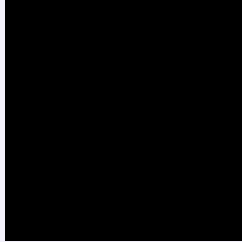
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

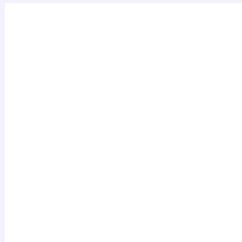
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9303, 0.3080, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 88.9303, 0.3080, 0.3191.

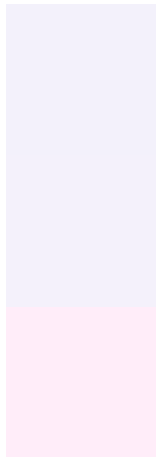


This preview shows how white text looks on a background with the Yxy color 88.9303, 0.3080, 0.3191.

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

88.9303, 0.3080, 0.3191

Protanopia

89.1087, 0.3086, 0.3191

Deuteranopia

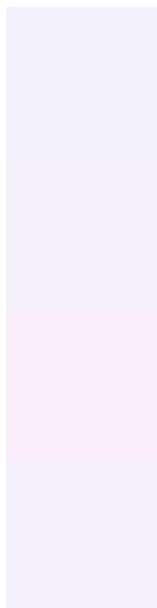
88.6679, 0.3172, 0.3174



Tritanopia

88.7733, 0.3063, 0.3143

Trichromacy



Original Color

88.9303, 0.3080, 0.3191

Protanomaly

89.1087, 0.3086, 0.3191

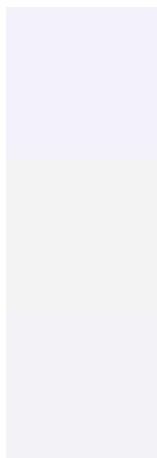
Deuteranomaly

88.5604, 0.3139, 0.3173

Tritanomaly

88.7090, 0.3069, 0.3152

Monochromacy



Original Color

88.9303, 0.3080, 0.3191

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.2128, 0.3110, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9303, 0.3080, 0.3191 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(243, 241, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 251)  
}
```

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(243, 241, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.9303, 0.3080, 0.3191 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(243, 241, 251) }
```

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

```
.border{ border-color:rgb(243, 241, 251) }
```

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

Here you see how a box with a 4 pixel rgb(243, 241, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9303, 0.3080, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 251) }
```

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

```
.background{ background-color: rgb(243,  
241, 251) }
```

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