

Converting Colors

$Yxy(88.8151, 0.3106, 0.3192)$

Have a look what the booklet for
Yxy(88.8151, 0.3106, 0.3192)
contains.

Yxy(88.8151, 0.3106, 0.3192)	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(88.8151, 0.3106, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	F6F0FA
RGB	246, 240, 250
RGB Percent	96%, 94%, 98%
CMY	0.0352, 0.0588, 0.0197
CMYK	0.02, 0.04, 0.00, 0.02
HSL	276°, 50%, 96%
HSV	276°, 4%, 98%
XYZ	86.4222, 88.8151, 103.0055
YIQ	242.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

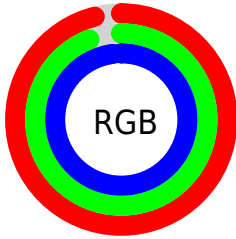
Format	Color
R _Y B	246, 240, 250
Decimal	16183546
CIE Lab	95.50, 3.78, -4.09
CIE LCh	96, 5.566, 312.740
Yxy	88.8151, 0.3106, 0.3192
Android (android.graphics.Color)	4294373626 (0xFF6F0FA)
YUV	242.9340, 3.4835, 2.6889
Hunter-Lab	94.2418, -1.2338, 1.1657

Details

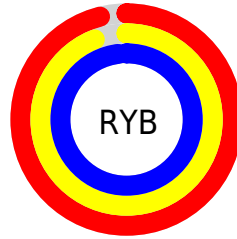
The Yxy color $88.8151, 0.3106, 0.3192$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93.8698, 0.3148, 0.3388$, and the grayscale version is $89.5472, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.1232, 0.3100, 0.3165$ is the 20% darker color. If you saturate the color by 10%, you get $73.3560, 0.3046, 0.2933$, and if you desaturate by 10%, it is $99.6803, 0.3156, 0.3338$.

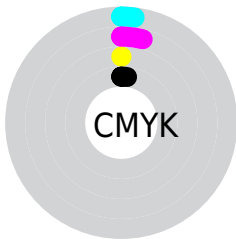
Distribution



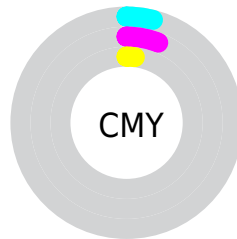
- Red (96%)
- Green (94%)
- Blue (98%)



- Red (96%)
- Yellow (94%)
- Blue (98%)



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





- Cyan (4%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8151, 0.3106, 0.3192 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 88.8151, 0.3106, 0.3192 by changing the saturation by 10% instead.


 88.8151, 0.3106,
0.3192

 88.8151, 0.3106,
0.3192


524.1688, 0.3116,
0.3236

 66.9983, 0.3104,
0.3182


145.6914, 0.3109,
0.3207

 49.0833, 0.3101,
0.3171


181.5197, 0.3111,
0.3213

 34.6855, 0.3098,
0.3156


222.7874, 0.3112,
0.3218

 23.4207, 0.3094,
0.3138

269.8787, 0.3113,
0.3222

 14.9045, 0.3088,
0.3114

323.1781, 0.3114,
0.3226

 8.7524, 0.3080,
0.3081

383.0700, 0.3114,

 4.5800, 0.3068,

0.3230

0.3032

449.9388, 0.3115,
0.3233

■ 2.0030, 0.3048,
0.2954

■ 0.6092, 0.3011,
0.2732

■ 88.8151, 0.3106,
0.3192

■ 88.8151, 0.3106,
0.3192

■ 73.3560, 0.3046,
0.2933

■ 99.6803, 0.3156,
0.3338

■ 59.9322, 0.2976,
0.2658

■ 48.4580, 0.2894,
0.2373

■ 38.8370, 0.2803,
0.2086

■ 30.9646, 0.2703,
0.1809

■ 24.7253, 0.2597,
0.1555

■ 19.9895, 0.2488,
0.1337

■ 16.6067, 0.2381,
0.1167

■ 14.3936, 0.2280,
0.1049

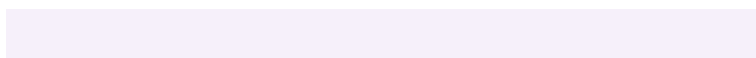
Harmonies

Analogous

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



88.8151, 0.3049, 0.3183



88.8151, 0.3106, 0.3192



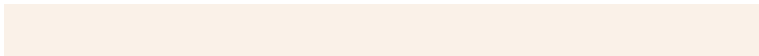
88.8151, 0.3169, 0.3226

Triad

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



88.8151, 0.3106, 0.3192



88.8151, 0.3243, 0.3377



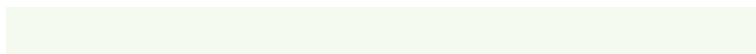
88.8151, 0.3033, 0.3302

Complementary

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



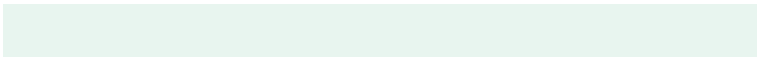
88.8151, 0.3106, 0.3192



93.8698, 0.3148, 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.



88.8151, 0.3085, 0.3355



88.8151, 0.3106, 0.3192



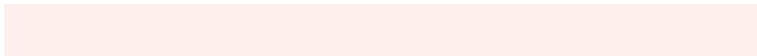
88.8151, 0.3206, 0.3399

Square

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



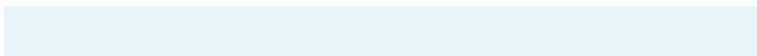
88.8151, 0.3106, 0.3192



88.8151, 0.3249, 0.3332



88.8151, 0.3148, 0.3391



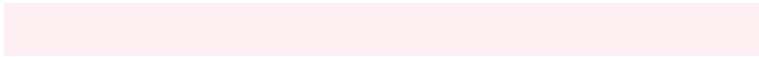
88.8151, 0.3007, 0.3246

Rectangle

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



88.8151, 0.3106, 0.3192



88.8151, 0.3207, 0.3259



88.8151, 0.3148, 0.3391



88.8151, 0.3048, 0.3321

Sweetspot

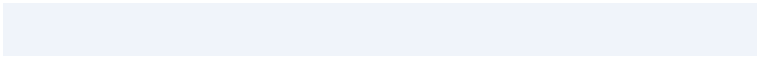
The Sweet Spot groups the original color and five complimentary colors.



88.8189, 0.3106, 0.3192



98.1926, 0.3122, 0.3266



90.1219, 0.3066, 0.3231



21.0363, 0.3122, 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.



88.8189, 0.3106, 0.3192



91.1871, 0.3100, 0.3167



89.4789, 0.3138, 0.3203



18.4437, 0.3096, 0.3149



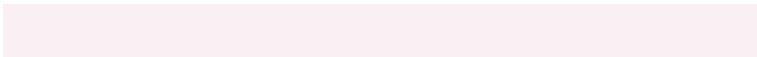
7.2311, 0.2238, 0.1007



0.7312, 0.2352, 0.1069

Inverse Universe

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



89.1698, 0.3169, 0.3251



91.6474, 0.3180, 0.3241



93.2300, 0.3117, 0.3379



18.5510, 0.3187, 0.3235



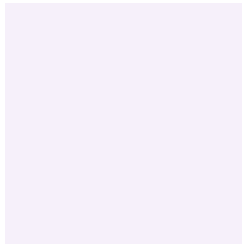
11.2859, 0.5396, 0.2746



1.0655, 0.5079, 0.2572

Previews

White Background



This preview shows how the Yxy color 88.8151, 0.3106, 0.3192 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 88.8151, 0.3106, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

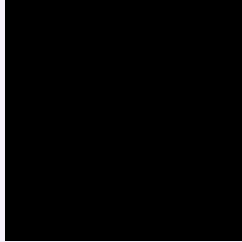
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

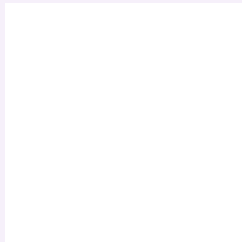
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8151, 0.3106, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 88.8151, 0.3106, 0.3192.

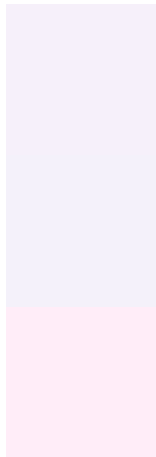


This preview shows how white text looks on a background with the Yxy color 88.8151, 0.3106, 0.3192.

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

88.8151, 0.3106, 0.3192

Protanopia

89.0458, 0.3092, 0.3201

Deuteranopia

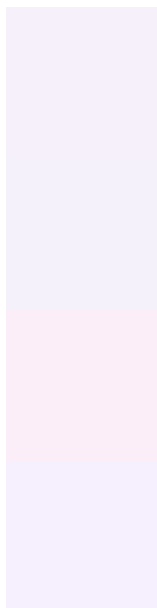
88.6057, 0.3179, 0.3184



Tritanopia

88.5458, 0.3076, 0.3133

Trichromacy



Original Color

88.8151, 0.3106, 0.3192

Protanomaly

89.2252, 0.3099, 0.3201

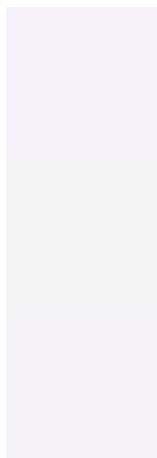
Deuteranomaly

88.6841, 0.3152, 0.3183

Tritanomaly

88.4177, 0.3088, 0.3153

Monochromacy



Original Color

88.8151, 0.3106, 0.3192

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.3912, 0.3116, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8151, 0.3106, 0.3192 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(246, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 250)  
}
```

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(246, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 250) }
```

Border

The CSS property to change the border of an element to Yxy 88.8151, 0.3106, 0.3192 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(246, 240, 250) }
```

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

```
.border{ border-color:rgb(246, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8151, 0.3106, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 250) }
```

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

```
.background{ background-color: rgb(246,  
240, 250) }
```

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