

Converting Colors

Yxy(88.8908, 0.3092, 0.3172)

Have a look what the booklet for
Yxy(88.8908, 0.3092, 0.3172)
contains.

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Color

Yxy(88.9413, 0.3094, 0.3172)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6F0FC |
| RGB | 246, 240, 252 |
| RGB Percent | 96%, 94%, 99% |
| CMY | 0.0350, 0.0589, 0.0117 |
| CMYK | 0.02, 0.05, 0.00, 0.01 |
| HSL | 270°, 67%, 96% |
| HSV | 270°, 5%, 99% |
| XYZ | 86.7542, 88.9413, 104.6995 |
| YIQ | 243.1620, -0.2760, 5.0040 |

Conversions

Conversions Part 2

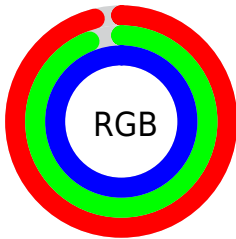
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 246, 240, 252 |
| Decimal | 16183548 |
| CIE Lab | 95.56, 4.17, -5.07 |
| CIE LCh | 96, 6.562, 309.448 |
| Yxy | 88.9413, 0.3094, 0.3172 |
| Android (android.graphics.Color) | 4294373628 (0xFF6F0FC) |
| YUV | 243.1620, 4.3571, 2.4889 |
| Hunter-Lab | 94.3087, -0.8387, 0.1936 |

Details

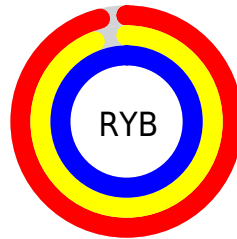
The Yxy color 88.9413, 0.3094, 0.3172 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.5002, 0.3159, 0.3408, and the grayscale version is 89.7374, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.1683, 0.3092, 0.3152 is the 20% darker color. If you saturate the color by 10%, you get 72.9445, 0.3016, 0.2909, and if you desaturate by 10%, it is 99.8091, 0.3144, 0.3318.

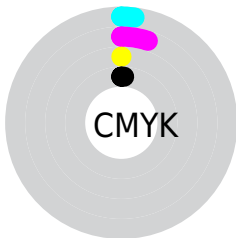
Distribution



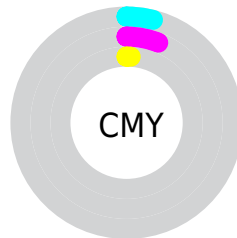
- Red (96%)
- Green (94%)
- Blue (99%)



- Red (96%)
- Yellow (94%)
- Blue (99%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9413, 0.3094, 0.3172 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 88.9413, 0.3094, 0.3172 by changing the saturation by 10% instead.

 88.9413, 0.3094,
0.3172

 88.9413, 0.3094,
0.3172


524.5809, 0.3109,
0.3224

 67.1029, 0.3091,
0.3161

145.8669, 0.3099,
0.3190

 49.1683, 0.3087,
0.3147


181.7230, 0.3101,
0.3197

 34.7530, 0.3081,
0.3129

223.0203, 0.3103,
0.3203

 23.4726, 0.3075,
0.3107

270.1434, 0.3104,
0.3208

 14.9429, 0.3066,
0.3078

323.4766, 0.3106,
0.3213

 8.7793, 0.3054,
0.3039

383.4043, 0.3107,

 4.5975, 0.3035,

0.3217

0.2981

450.3110, 0.3108,
0.3221

■ 2.0131, 0.3005,
0.2888

■ 0.6151, 0.2950,
0.2644

■ 88.9413, 0.3094,
0.3172

■ 88.9413, 0.3094,
0.3172

■ 72.9445, 0.3016,
0.2909

99.8091, 0.3144,
0.3318

■ 59.0683, 0.2924,
0.2627

■ 47.2233, 0.2820,
0.2331

■ 37.3090, 0.2703,
0.2032

■ 29.2163, 0.2577,
0.1739

■ 22.8247, 0.2445,
0.1470

■ 17.9987, 0.2313,
0.1237

■ 14.5810, 0.2186,
0.1056

■ 12.3788, 0.2071,
0.0931

Harmonies

Analogous

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



88.9413, 0.3029, 0.3165



88.9413, 0.3094, 0.3172



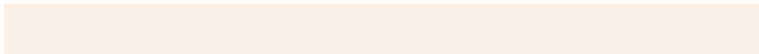
88.9413, 0.3169, 0.3209

Triad

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



88.9413, 0.3094, 0.3172



88.9413, 0.3266, 0.3388



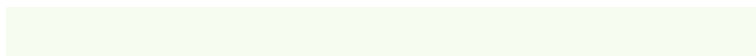
88.9413, 0.3022, 0.3311

Complementary

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



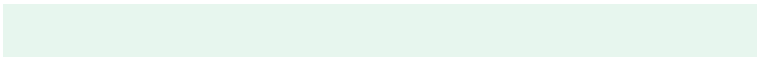
88.9413, 0.3094, 0.3172



95.5002, 0.3159, 0.3408

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.



88.9413, 0.3085, 0.3373



88.9413, 0.3094, 0.3172



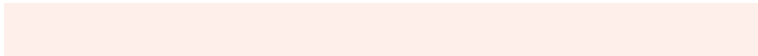
88.9413, 0.3226, 0.3417

Square

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



88.9413, 0.3094, 0.3172



88.9413, 0.3269, 0.3333



88.9413, 0.3159, 0.3412



88.9413, 0.2988, 0.3245

Rectangle

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



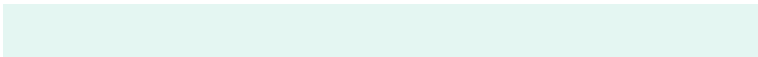
88.9413, 0.3094, 0.3172



88.9413, 0.3214, 0.3247



88.9413, 0.3159, 0.3412



88.9413, 0.3040, 0.3334

Sweetspot

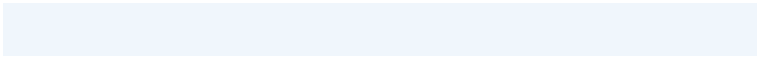
The Sweet Spot groups the original color and five complimentary colors.



88.9451, 0.3094, 0.3172



98.1453, 0.3120, 0.3266



91.4628, 0.3054, 0.3230



21.0267, 0.3121, 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.



88.9451, 0.3094, 0.3172



89.2164, 0.3085, 0.3141



90.0386, 0.3133, 0.3174



18.0549, 0.3080, 0.3124



6.1131, 0.2032, 0.0893



0.6292, 0.2160, 0.0964

Inverse Universe

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



89.6594, 0.3170, 0.3232



90.1357, 0.3181, 0.3217



94.4419, 0.3122, 0.3409



18.2629, 0.3188, 0.3209



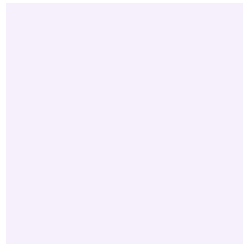
11.5769, 0.4985, 0.2520



1.0936, 0.4716, 0.2371

Previews

White Background



This preview shows how the Yxy color 88.9413, 0.3094, 0.3172 looks on a white background.

Color Contrast Check

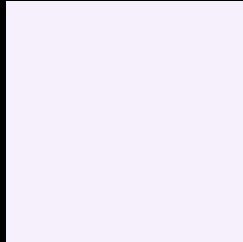
Large Text (above 18pt) WCAG AA × Fail

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 88.9413, 0.3094, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

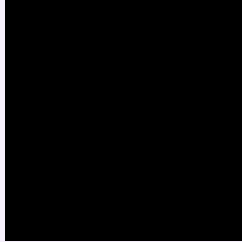
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

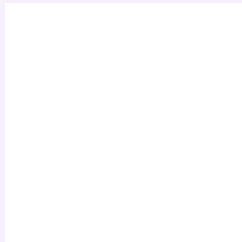
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9413, 0.3094, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 88.9413, 0.3094, 0.3172.

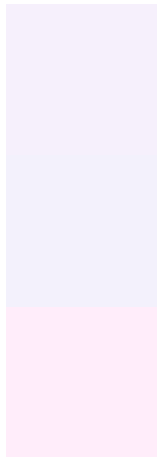


This preview shows how white text looks on a background with the Yxy color 88.9413, 0.3094, 0.3172.

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

88.9413, 0.3094, 0.3172

Protanopia

88.9936, 0.3074, 0.3181

Deuteranopia

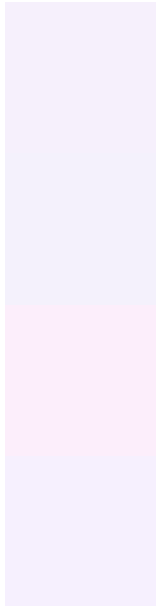
88.7305, 0.3166, 0.3164



Tritanopia

89.1330, 0.3076, 0.3143

Trichromacy



Original Color

88.9413, 0.3094, 0.3172

Protanomaly

89.1720, 0.3080, 0.3182

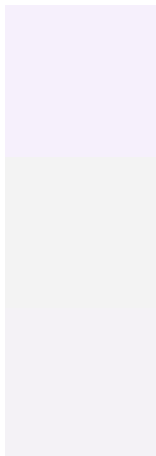
Deuteranomaly

88.8096, 0.3140, 0.3164

Tritanomaly

89.0688, 0.3082, 0.3153

Monochromacy



Original Color

88.9413, 0.3094, 0.3172

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 88.9413, 0.3094, 0.3172 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 252) }
```

Border

The CSS property to change the border of an element to Yxy 88.9413, 0.3094, 0.3172 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, 252) }
```

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

```
.border{ border-color:rgb(246, 240, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 240, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 240, 252); box-shadow:4px 4px 4px 4px rgb(246, 240, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9413, 0.3094, 0.3172 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, 252) }
```

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

```
.background{ background-color: rgb(246,  
240, 252) }
```

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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