

Converting Colors

Yxy(83.1913, 0.3088, 0.3130)

Have a look what the booklet for
Yxy(83.1913, 0.3088, 0.3130)
contains.

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Color

Yxy(83.1913, 0.3088, 0.3130)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1E8F8 |
| RGB | 241, 232, 248 |
| RGB Percent | 95%, 91%, 97% |
| CMY | 0.0549, 0.0902, 0.0275 |
| CMYK | 0.03, 0.06, 0.00, 0.03 |
| HSL | 274°, 53%, 94% |
| HSV | 274°, 6%, 97% |
| XYZ | 82.0750, 83.1913, 100.5206 |
| YIQ | 236.5150, 0.2280, 6.8840 |

Conversions

Conversions Part 2

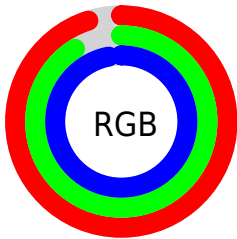
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 241, 232, 248 |
| Decimal | 15853816 |
| CIE Lab | 93.10, 5.88, -6.64 |
| CIE LCh | 93, 8.872, 311.522 |
| Yxy | 83.1913, 0.3088, 0.3130 |
| Android (android.graphics.Color) | 4294043896 (0xFF1E8F8) |
| YUV | 236.5150, 5.6621, 3.9333 |
| Hunter-Lab | 91.2093, 1.0077, -1.4963 |

Details

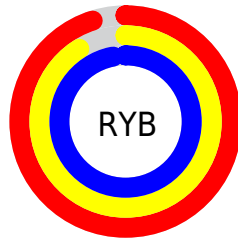
The Yxy color **83.1913, 0.3088, 0.3130** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.2948, 0.3164, 0.3451**, and the grayscale version is **84.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1707, 0.3076, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **68.3570, 0.3018, 0.2866**, and if you desaturate by 10%, it is **98.9595, 0.3148, 0.3357**.

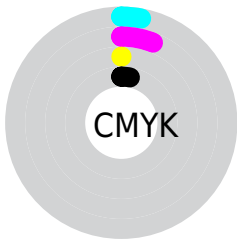
Distribution



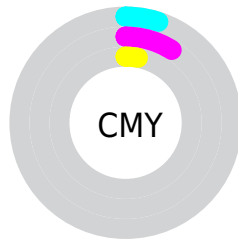
- Red (95%)
- Green (91%)
- Blue (97%)



- Red (95%)
- Yellow (91%)
- Blue (97%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.1913, 0.3088, 0.3130 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 83.1913, 0.3088, 0.3130 by changing the saturation by 10% instead.


 83.1913, 0.3088,
0.3130

 83.1913, 0.3088,
0.3130


505.6239, 0.3106,
0.3202

 62.3480, 0.3084,
0.3114


137.8434, 0.3094,
0.3154

 45.3139, 0.3079,
0.3095


172.4209, 0.3097,
0.3164

 31.7048, 0.3073,
0.3071


212.3453, 0.3099,
0.3172

 21.1361, 0.3064,
0.3040

258.0009, 0.3101,
0.3180

 13.2235, 0.3053,
0.3000

309.7722, 0.3102,
0.3186

 7.5826, 0.3037,
0.2943

368.0435, 0.3104,

 3.8291, 0.3013,

0.3192

0.2860

433.1993, 0.3105,
0.3197

■ 1.5784, 0.2970,
0.2724

■ 0.3430, 0.2845,
0.2078

■ 83.1913, 0.3088,
0.3130

■ 83.1913, 0.3088,
0.3130

■ 68.3570, 0.3018,
0.2866

■ 98.9595, 0.3148,
0.3357

■ 55.5180, 0.2937,
0.2585

■ 99.5560, 0.3168,
0.3357

■ 44.5880, 0.2844,
0.2294

■ 35.4702, 0.2740,
0.2003

■ 28.0591, 0.2628,
0.1724

■ 22.2378, 0.2510,
0.1470

■ 17.8743, 0.2392,
0.1255

■ 14.8143, 0.2277,
0.1091

■ 12.8651, 0.2172,
0.0981

Harmonies

Analogous

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



83.1913, 0.2996, 0.3117



83.1913, 0.3088, 0.3130



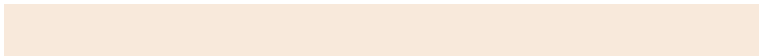
83.1913, 0.3192, 0.3184

Triad

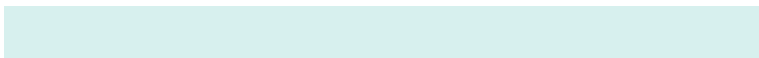
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1913, 0.3088, 0.3130



83.1913, 0.3317, 0.3428



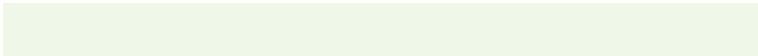
83.1913, 0.2977, 0.3313

Complementary

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



83.1913, 0.3088, 0.3130



91.2948, 0.3164, 0.3451

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.



83.1913, 0.3061, 0.3400



83.1913, 0.3088, 0.3130



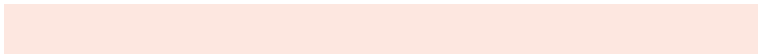
83.1913, 0.3258, 0.3467

Square

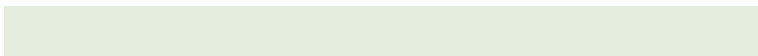
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1913, 0.3088, 0.3130



83.1913, 0.3325, 0.3354



83.1913, 0.3164, 0.3457



83.1913, 0.2933, 0.3221

Rectangle

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



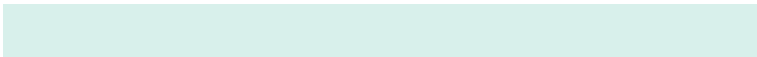
83.1913, 0.3088, 0.3130



83.1913, 0.3253, 0.3236



83.1913, 0.3164, 0.3457



83.1913, 0.3002, 0.3344

Sweetspot

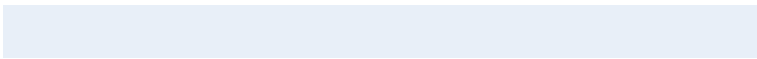
The Sweet Spot groups the original color and five complimentary colors.



83.1949, 0.3088, 0.3130



96.3695, 0.3115, 0.3241



85.7792, 0.3028, 0.3201



20.6651, 0.3116, 0.3244



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.



83.1949, 0.3088, 0.3130



86.0189, 0.3078, 0.3090



84.3954, 0.3140, 0.3140



17.1257, 0.3068, 0.3051



6.7485, 0.2152, 0.0959



0.6877, 0.2272, 0.1025

Inverse Universe

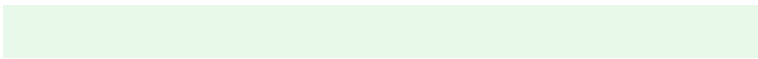
The Inverse Universe completely reimagines the original color for something new.



83.8993, 0.3192, 0.3221



86.9492, 0.3209, 0.3203



90.1508, 0.3115, 0.3445



17.3510, 0.3225, 0.3187



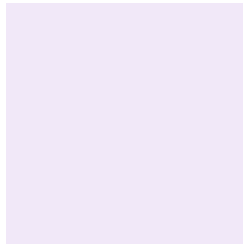
11.3946, 0.5232, 0.2656



1.0762, 0.4932, 0.2490

Previews

White Background



This preview shows how the Yxy color 83.1913, 0.3088, 0.3130 looks on a white background.

Color Contrast Check

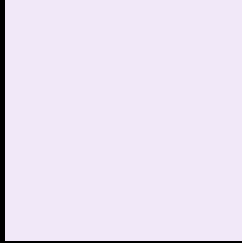
Large Text (above 18pt) WCAG AA × Fail

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 83.1913, 0.3088, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

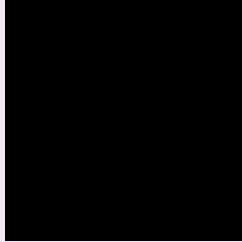
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

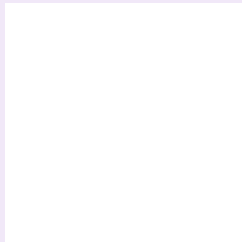
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.1913, 0.3088, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 83.1913, 0.3088, 0.3130.



This preview shows how white text looks on a background with the Yxy color 83.1913, 0.3088, 0.3130.

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

83.1913, 0.3088, 0.3130

Protanopia

83.3474, 0.3042, 0.3138

Deuteranopia

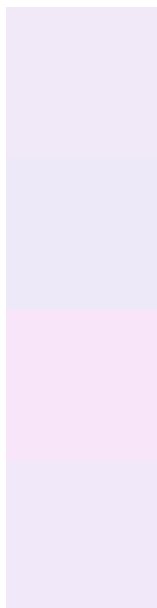
83.0218, 0.3157, 0.3084



Tritanopia

83.3161, 0.3075, 0.3110

Trichromacy



Original Color

83.1913, 0.3088, 0.3130

Protanomaly

83.1219, 0.3055, 0.3129

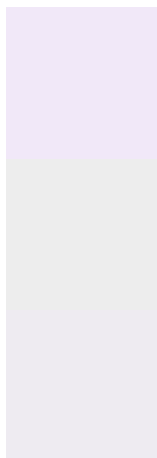
Deuteranomaly

82.8346, 0.3130, 0.3092

Tritanomaly

83.2536, 0.3082, 0.3120

Monochromacy



Original Color

83.1913, 0.3088, 0.3130

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.9447, 0.3110, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1913, 0.3088, 0.3130 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(241, 232, 248)` looks like.

```
.text, #text, p{  
    color:rgb(241, 232, 248)  
}
```

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(241, 232, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 232, 248) }
```

Border

The CSS property to change the border of an element to Yxy 83.1913, 0.3088, 0.3130 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(241, 232, 248) }
```

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

```
.border{ border-color:rgb(241, 232, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 232, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 232, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 232, 248);  
box-shadow:4px 4px 4px 4px rgb(241, 232,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1913, 0.3088, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 232, 248) }
```

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

```
.background{ background-color: rgb(241,  
232, 248) }
```

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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