

Converting Colors

$Yxy(83.6978, 0.3139, 0.3175)$

Have a look what the booklet for
Yxy(83.6978, 0.3139, 0.3175)
contains.

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Color

Yxy(83.6574, 0.3140, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	F5E8F4
RGB	245, 232, 244
RGB Percent	96%, 91%, 96%
CMY	0.0389, 0.0903, 0.0431
CMYK	0.00, 0.05, 0.00, 0.04
HSL	305°, 40%, 94%
HSV	305°, 5%, 96%
XYZ	82.8657, 83.6574, 97.3804
YIQ	237.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

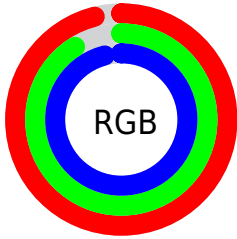
Format	Color
R _Y B	245, 232, 244
Decimal	16115956
CIE Lab	93.30, 6.53, -4.24
CIE LCh	93, 7.786, 326.984
Yxy	83.6574, 0.3140, 0.3170
Android (android.graphics.Color)	4294306036 (0xFF5E8F4)
YUV	237.2550, 3.3253, 6.7924
Hunter-Lab	91.4644, 1.6562, 0.9002

Details

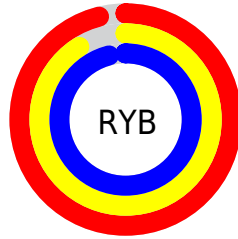
The Yxy color **83.6574, 0.3140, 0.3170** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.3946, 0.3115, 0.3413**, and the grayscale version is **84.8771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5003, 0.3143, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **70.6929, 0.3166, 0.2940**, and if you desaturate by 10%, it is **97.6027, 0.3117, 0.3378**.

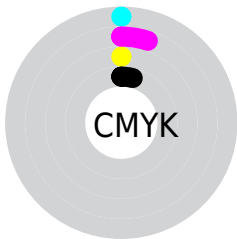
Distribution



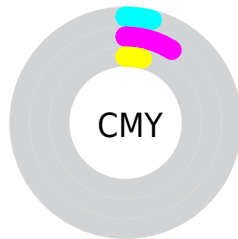
- Red (96%)
- Green (91%)
- Blue (96%)



- Red (96%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.6574, 0.3140, 0.3170 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 83.6574, 0.3140, 0.3170 by changing the saturation by 10% instead.


 83.6574, 0.3140,
0.3170

 83.6574, 0.3140,
0.3170

507.1749, 0.3134,
0.3224

 62.7326, 0.3141,
0.3158


138.4958, 0.3138,
0.3188

 45.6249, 0.3143,
0.3144


173.1783, 0.3137,
0.3196

 31.9500, 0.3144,
0.3126


213.2154, 0.3137,
0.3202

 21.3233, 0.3147,
0.3103

258.9916, 0.3136,
0.3207

 13.3605, 0.3149,
0.3072

310.8912, 0.3136,
0.3212

 7.6773, 0.3153,
0.3029

369.2987, 0.3135,

 3.8891, 0.3158,

0.3216

0.2966

434.5985, 0.3135,
0.3220

■ 1.6117, 0.3166,
0.2863

■ 0.3655, 0.3234,
0.2333

■ 83.6574, 0.3140,
0.3170

■ 83.6574, 0.3140,
0.3170

■ 70.6929, 0.3166,
0.2940

■ 97.6027, 0.3117,
0.3378

■ 59.5709, 0.3195,
0.2706

■ 97.7261, 0.3106,
0.3358

■ 50.2103, 0.3226,
0.2476

■ 97.8508, 0.3094,
0.3338

■ 42.5199, 0.3259,
0.2259

■ 97.9768, 0.3083,
0.3319

■ 36.4001, 0.3293,
0.2065

■ 98.1042, 0.3072,
0.3299

■ 31.7410, 0.3327,
0.1903

■ 98.1679, 0.3066,
0.3290

■ 28.4184, 0.3360,
0.1781

■ 26.2874, 0.3390,
0.1703

■ 25.1694, 0.3417,
0.1669

Harmonies

Analogous

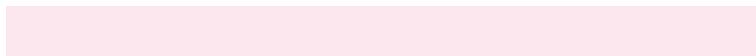
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6574, 0.3051, 0.3139



83.6574, 0.3140, 0.3170



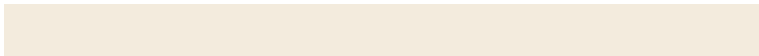
83.6574, 0.3226, 0.3232

Triad

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



83.6574, 0.3140, 0.3170



83.6574, 0.3272, 0.3433



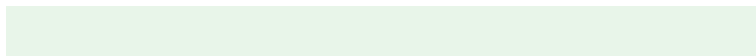
83.6574, 0.2971, 0.3268

Complementary

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



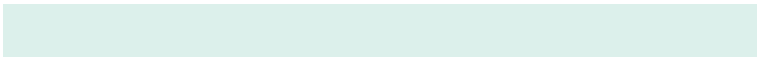
83.6574, 0.3140, 0.3170



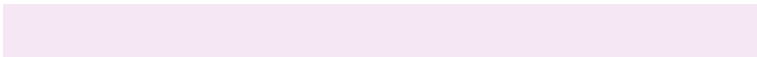
88.3946, 0.3115, 0.3413

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.



83.6574, 0.3028, 0.3349



83.6574, 0.3140, 0.3170



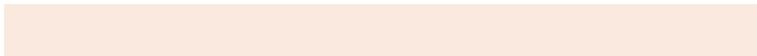
83.6574, 0.3202, 0.3446

Square

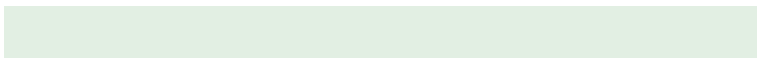
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



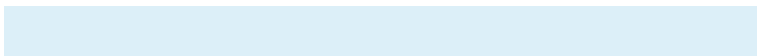
83.6574, 0.3140, 0.3170



83.6574, 0.3303, 0.3383



83.6574, 0.3113, 0.3415



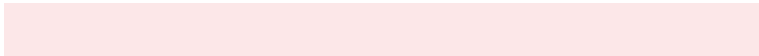
83.6574, 0.2954, 0.3194

Rectangle

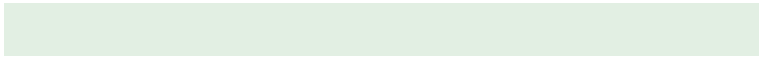
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6574, 0.3140, 0.3170



83.6574, 0.3271, 0.3283



83.6574, 0.3113, 0.3415



83.6574, 0.2986, 0.3295

Sweetspot

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



83.6610, 0.3140, 0.3170



96.7623, 0.3132, 0.3245



81.5968, 0.3052, 0.3156



20.7450, 0.3132, 0.3248



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

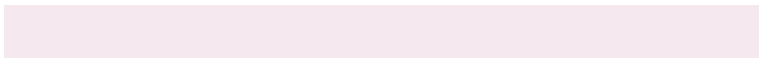
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6610, 0.3140, 0.3170



90.5436, 0.3142, 0.3155



83.2813, 0.3180, 0.3233



17.5613, 0.3143, 0.3141



13.3972, 0.3425, 0.1661



1.1843, 0.3395, 0.1644

Inverse Universe

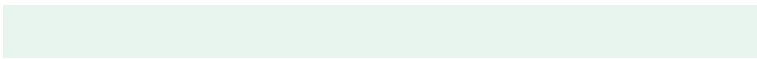
The Inverse Universe completely reimagines the original color for something new.



83.6610, 0.3140, 0.3170



90.5436, 0.3142, 0.3155



88.7648, 0.3077, 0.3348



17.5613, 0.3143, 0.3141



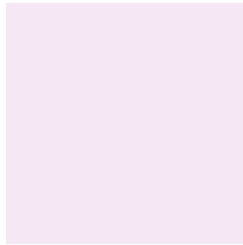
13.3972, 0.3425, 0.1661



1.1843, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 83.6574, 0.3140, 0.3170 looks on a white background.

Color Contrast Check

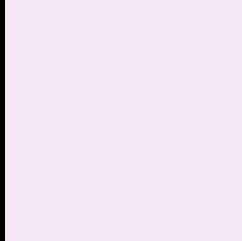
Large Text (above 18pt) WCAG AA × Fail

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 83.6574, 0.3140, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

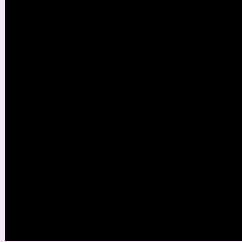
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

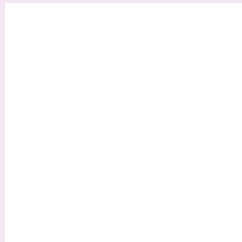
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6574, 0.3140, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 83.6574, 0.3140, 0.3170.

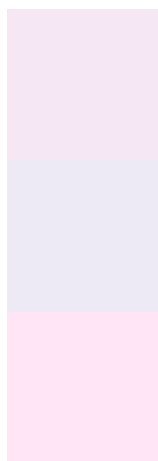


This preview shows how white text looks on a background with the Yxy color 83.6574, 0.3140, 0.3170.

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

83.6574, 0.3140, 0.3170

Protanopia

83.4427, 0.3079, 0.3179

Deuteranopia

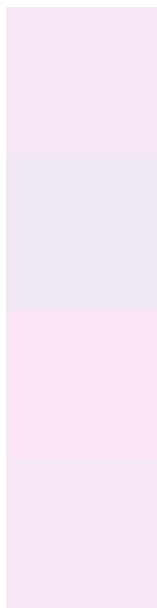
83.8912, 0.3203, 0.3134



Tritanopia

83.5842, 0.3115, 0.3112

Trichromacy



Original Color

83.6574, 0.3140, 0.3170

Protanomaly

83.3957, 0.3099, 0.3169

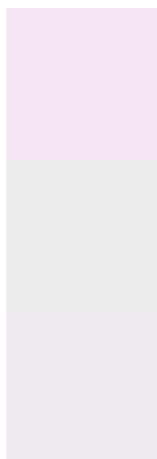
Deuteranomaly

83.6954, 0.3175, 0.3142

Tritanomaly

83.4601, 0.3128, 0.3131

Monochromacy



Original Color

83.6574, 0.3140, 0.3170

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.2332, 0.3130, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6574, 0.3140, 0.3170 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(245, 232, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 244)  
}
```

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(245, 232, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 244) }
```

Border

The CSS property to change the border of an element to Yxy 83.6574, 0.3140, 0.3170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

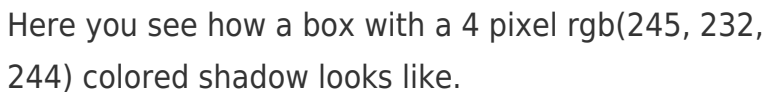
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 232, 244) }
```

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

```
.border{ border-color:rgb(245, 232, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 232, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 232, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 232, 244); box-shadow:4px 4px 4px 4px rgb(245, 232, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6574, 0.3140, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 244) }
```

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

```
.background{ background-color: rgb(245,  
232, 244) }
```

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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