

Converting Colors

Yxy(83.6540, 0.3168, 0.3223)

Have a look what the booklet for
Yxy(83.6540, 0.3168, 0.3223)
contains.

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Color

Yxy(83.9223, 0.3171, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	F5E9EF
RGB	245, 233, 239
RGB Percent	96%, 91%, 94%
CMY	0.0390, 0.0863, 0.0628
CMYK	0.00, 0.05, 0.02, 0.04
HSL	330°, 38%, 94%
HSV	330°, 5%, 96%
XYZ	82.3894, 83.9223, 93.5097
YIQ	237.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

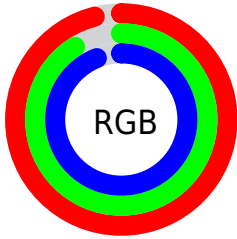
Format	Color
RYB	245, 233, 239
Decimal	16116207
CIELab	93.42, 5.12, -1.46
CIELCh	93, 5.319, 344.109
Yxy	83.9223, 0.3171, 0.3230
Android (android.graphics.Color)	4294306287 (0xFFFF5E9EF)
YUV	237.2720, 0.8519, 6.7775
Hunter-Lab	91.6091, 0.2194, 3.6063

Details

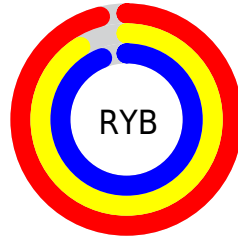
The Yxy color **83.9223, 0.3171, 0.3230** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.8988, 0.3085, 0.3351**, and the grayscale version is **84.9063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6820, 0.3183, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **70.2984, 0.3274, 0.3103**, and if you desaturate by 10%, it is **97.9282, 0.3087, 0.3326**.

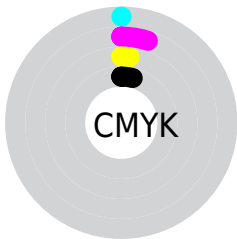
Distribution



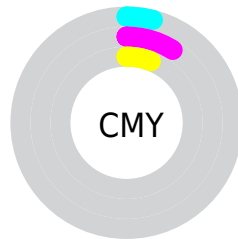
- Red (96%)
- Green (91%)
- Blue (94%)



- Red (96%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.9223, 0.3171, 0.3230 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 83.9223, 0.3171, 0.3230 by changing the saturation by 10% instead.


 83.9223, 0.3171,
0.3230

 83.9223, 0.3171,
0.3230


508.0552, 0.3151,
0.3257

 62.9513, 0.3175,
0.3224


138.8665, 0.3164,
0.3239

 45.8018, 0.3181,
0.3217


173.6084, 0.3162,
0.3243

 32.0894, 0.3187,
0.3208


213.7095, 0.3159,
0.3246

 21.4298, 0.3196,
0.3196

259.5541, 0.3157,
0.3249

 13.4386, 0.3207,
0.3180

311.5265, 0.3156,
0.3251

 7.7312, 0.3223,
0.3158

370.0113, 0.3154,

 3.9235, 0.3247,

0.3253

0.3126

435.3927, 0.3153,
0.3255

■ 1.6308, 0.3287,
0.3072

■ 0.3783, 0.3519,
0.2748

■ 83.9223, 0.3171,
0.3230

■ 83.9223, 0.3171,
0.3230

■ 70.2984, 0.3274,
0.3103

■ 97.9282, 0.3087,
0.3326

■ 58.5673, 0.3398,
0.2970

■ 98.1635, 0.3066,
0.3290

■ 48.6473, 0.3545,
0.2836

■ 40.4463, 0.3720,
0.2706

■ 33.8642, 0.3921,
0.2590

■ 28.7904, 0.4147,
0.2498

■ 25.1003, 0.4392,
0.2444

■ 22.6490, 0.4643,
0.2440

■ 21.2584, 0.4888,
0.2491

Harmonies

Analogous

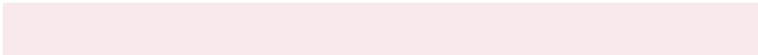
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9223, 0.3109, 0.3196



83.9223, 0.3171, 0.3230



83.9223, 0.3221, 0.3280

Triad

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



83.9223, 0.3171, 0.3230



83.9223, 0.3201, 0.3396



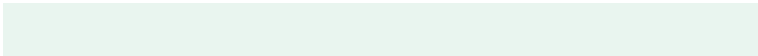
83.9223, 0.3010, 0.3245

Complementary

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



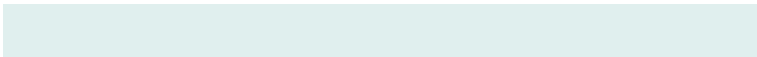
83.9223, 0.3171, 0.3230



88.8988, 0.3085, 0.3351

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.



83.9223, 0.3034, 0.3299



83.9223, 0.3171, 0.3230



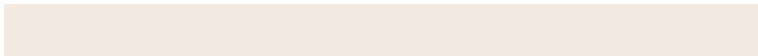
83.9223, 0.3144, 0.3387

Square

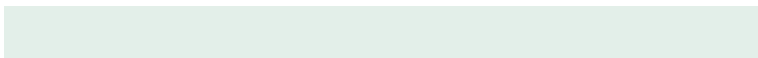
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



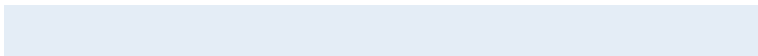
83.9223, 0.3171, 0.3230



83.9223, 0.3239, 0.3376



83.9223, 0.3083, 0.3352



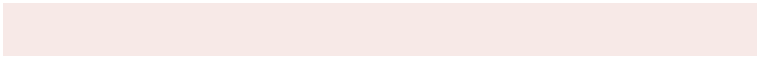
83.9223, 0.3017, 0.3204

Rectangle

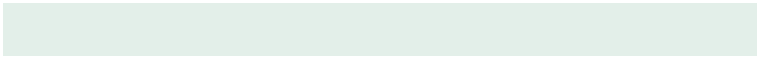
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9223, 0.3171, 0.3230



83.9223, 0.3241, 0.3316



83.9223, 0.3083, 0.3352



83.9223, 0.3015, 0.3262

Sweetspot

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



83.9259, 0.3171, 0.3230



98.3015, 0.3136, 0.3278



83.2223, 0.3093, 0.3168



21.0585, 0.3135, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

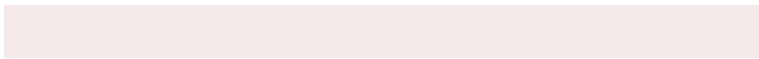
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9259, 0.3171, 0.3230



90.1381, 0.3181, 0.3217



83.5769, 0.3209, 0.3290



17.4738, 0.3187, 0.3209



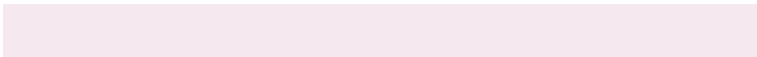
11.2405, 0.4972, 0.2513



1.0087, 0.4692, 0.2358

Inverse Universe

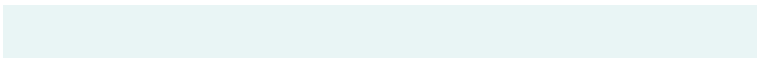
The Inverse Universe completely reimagines the original color for something new.



83.9259, 0.3171, 0.3230



90.1381, 0.3181, 0.3217



89.2598, 0.3050, 0.3290



17.4738, 0.3187, 0.3209



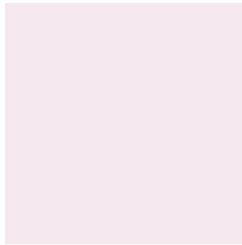
11.2405, 0.4972, 0.2513



1.0087, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 83.9223, 0.3171, 0.3230 looks on a white background.

Color Contrast Check

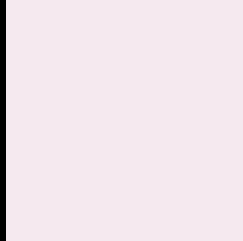
Large Text (above 18pt) WCAG AA × Fail

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 83.9223, 0.3171, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

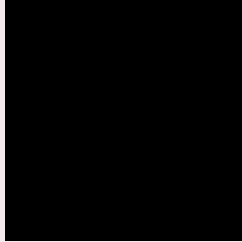
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

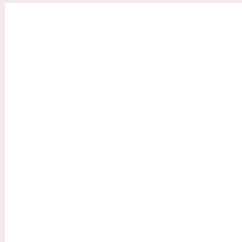
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.9223, 0.3171, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 83.9223, 0.3171, 0.3230.

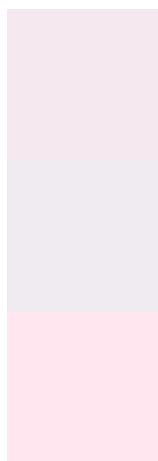


This preview shows how white text looks on a background with the Yxy color 83.9223, 0.3171, 0.3230.

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

83.9223, 0.3171, 0.3230

Protanopia

84.0587, 0.3123, 0.3239

Deuteranopia

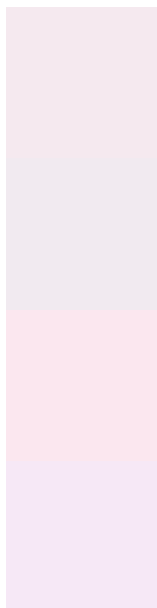
84.0856, 0.3241, 0.3202



Tritanopia

83.8281, 0.3116, 0.3102

Trichromacy



Original Color

83.9223, 0.3171, 0.3230

Protanomaly

83.8377, 0.3137, 0.3230

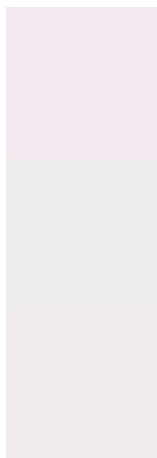
Deuteranomaly

83.8931, 0.3213, 0.3211

Tritanomaly

83.9599, 0.3134, 0.3151

Monochromacy



Original Color

83.9223, 0.3171, 0.3230

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.6892, 0.3141, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.9223, 0.3171, 0.3230 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, 233, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 239)  
}
```

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, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 239) }
```

Border

The CSS property to change the border of an element to Yxy 83.9223, 0.3171, 0.3230 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, 233, 239) }
```

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

```
.border{ border-color:rgb(245, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 83.9223, 0.3171, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 239) }
```

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

```
.background{ background-color: rgb(245,  
233, 239) }
```

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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