

Converting Colors

$Y_{xy}(85.0134, 0.3175, 0.3258)$

Have a look what the booklet for
Yxy(85.0134, 0.3175, 0.3258)
contains.

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Color

Yxy(85.0022, 0.3176, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBEE
RGB	245, 235, 238
RGB Percent	96%, 92%, 93%
CMY	0.0390, 0.0785, 0.0667
CMYK	0.00, 0.04, 0.03, 0.04
HSL	342°, 34%, 94%
HSV	342°, 4%, 96%
XYZ	82.8120, 85.0022, 92.9288
YIQ	238.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

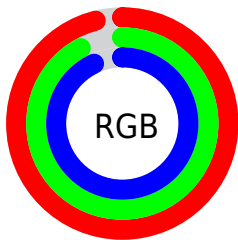
Format	Color
R _Y B	245, 235, 238
Decimal	16116718
CIE Lab	93.88, 3.91, -0.26
CIE LCh	94, 3.923, 356.257
Yxy	85.0022, 0.3176, 0.3260
Android (android.graphics.Color)	4294306798 (0xFF5EBEE)
YUV	238.3320, -0.1637, 5.8478
Hunter-Lab	92.1966, -1.0136, 4.7768

Details

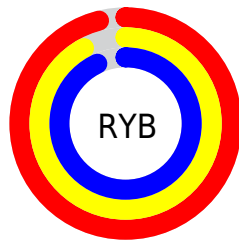
The Yxy color **85.0022, 0.3176, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.4151, 0.3081, 0.3320**, and the grayscale version is **85.7769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4364, 0.3190, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **70.9654, 0.3314, 0.3183**, and if you desaturate by 10%, it is **98.1633, 0.3066, 0.3290**.

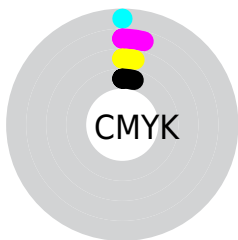
Distribution



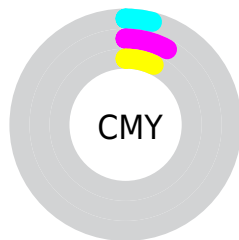
- Red (96%)
- Green (92%)
- Blue (93%)



- Red (96%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0022, 0.3176, 0.3260 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 85.0022, 0.3176, 0.3260 by changing the saturation by 10% instead.


 85.0022, 0.3176,
0.3260

 85.0022, 0.3176,
0.3260


511.6353, 0.3154,
0.3274

 63.8432, 0.3181,
0.3257

140.3762, 0.3168,
0.3265

 46.5237, 0.3187,
0.3253


175.3601, 0.3166,
0.3266

 32.6593, 0.3194,
0.3249


215.7210, 0.3163,
0.3268

 21.8656, 0.3204,
0.3243

261.8434, 0.3161,
0.3269

 13.7581, 0.3217,
0.3235

314.1116, 0.3159,
0.3271

 7.9526, 0.3235,
0.3224

372.9101, 0.3157,

 4.0647, 0.3261,

0.3272

0.3207

438.6232, 0.3155,
0.3273

■ 1.7098, 0.3306,
0.3180

■ 0.4300, 0.3550,
0.3027

■ 85.0022, 0.3176,
0.3260

■ 85.0022, 0.3176,
0.3260

■ 70.9654, 0.3314,
0.3183

■ 98.1633, 0.3066,
0.3290

■ 58.8730, 0.3483,
0.3103

■ 48.6420, 0.3690,
0.3021

■ 40.1791, 0.3940,
0.2942

■ 33.3829, 0.4235,
0.2873

■ 28.1416, 0.4572,
0.2826

■ 24.3295, 0.4937,
0.2811

■ 21.8011, 0.5304,
0.2839

■ 20.3794, 0.5638,
0.2915

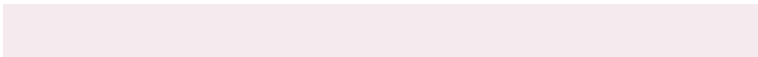
Harmonies

Analogous

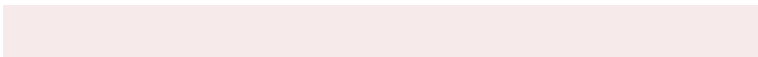
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0022, 0.3133, 0.3229



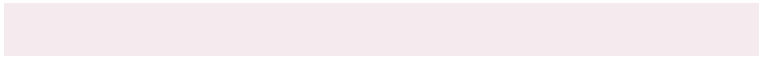
85.0022, 0.3176, 0.3260



85.0022, 0.3206, 0.3299

Triad

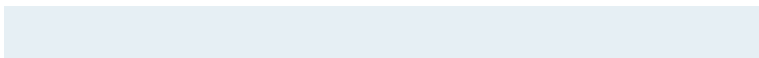
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0022, 0.3176, 0.3260



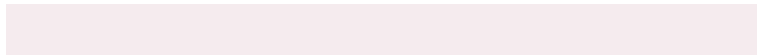
85.0022, 0.3166, 0.3368



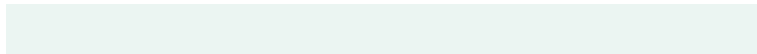
85.0022, 0.3040, 0.3243

Complementary

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



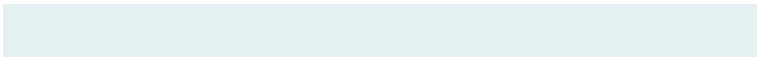
85.0022, 0.3176, 0.3260



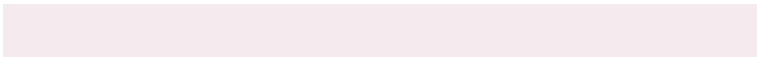
89.4151, 0.3081, 0.3320

Split Complementary

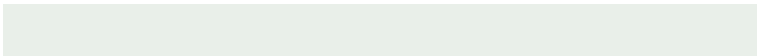
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0022, 0.3049, 0.3280



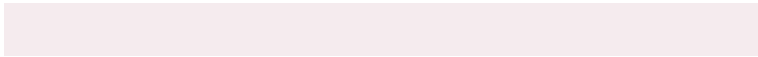
85.0022, 0.3176, 0.3260



85.0022, 0.3121, 0.3353

Square

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



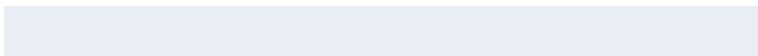
85.0022, 0.3176, 0.3260



85.0022, 0.3200, 0.3362



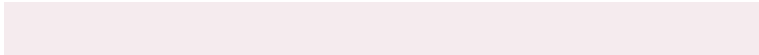
85.0022, 0.3079, 0.3321



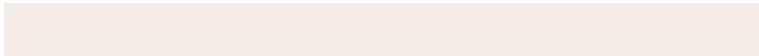
85.0022, 0.3054, 0.3219

Rectangle

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



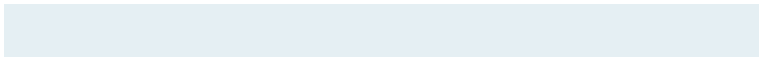
85.0022, 0.3176, 0.3260



85.0022, 0.3215, 0.3325



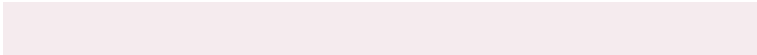
85.0022, 0.3079, 0.3321



85.0022, 0.3040, 0.3255

Sweetspot

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



85.0059, 0.3176, 0.3260



98.2692, 0.3139, 0.3283



84.8899, 0.3112, 0.3189



21.0519, 0.3138, 0.3283



0.0000, 0.0000, 0.0000



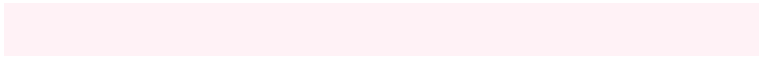
21.4041, 0.3127, 0.3290

Same Dimension

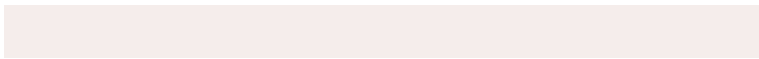
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0059, 0.3176, 0.3260



91.5707, 0.3187, 0.3253



85.9904, 0.3194, 0.3310



17.7313, 0.3196, 0.3248



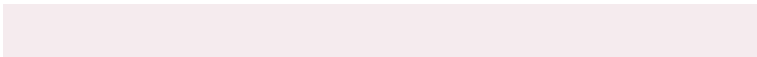
10.7399, 0.5768, 0.2951



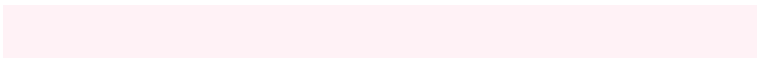
0.9613, 0.5414, 0.2756

Inverse Universe

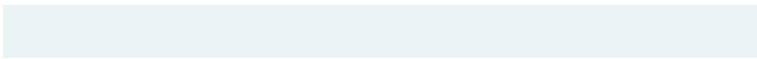
The Inverse Universe completely reimagines the original color for something new.



85.0059, 0.3176, 0.3260



91.5707, 0.3187, 0.3253



88.3848, 0.3063, 0.3270



17.7313, 0.3196, 0.3248



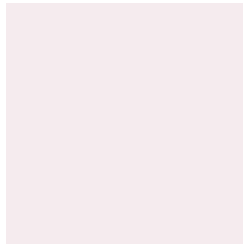
10.7399, 0.5768, 0.2951



0.9613, 0.5414, 0.2756

Previews

White Background



This preview shows how the Yxy color 85.0022, 0.3176, 0.3260 looks on a white background.

Color Contrast Check

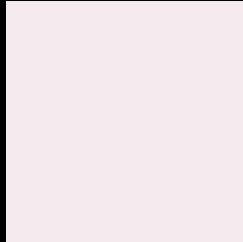
Large Text (above 18pt) WCAG AA × Fail

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 85.0022, 0.3176, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

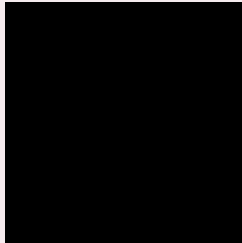
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

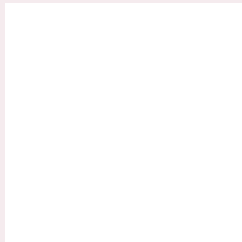
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0022, 0.3176, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 85.0022, 0.3176, 0.3260.

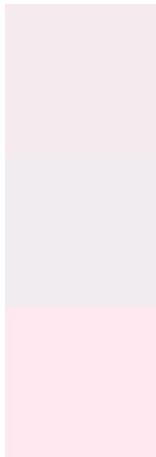


This preview shows how white text looks on a background with the Yxy color 85.0022, 0.3176, 0.3260.

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

85.0022, 0.3176, 0.3260

Protanopia

84.9237, 0.3142, 0.3260

Deuteranopia

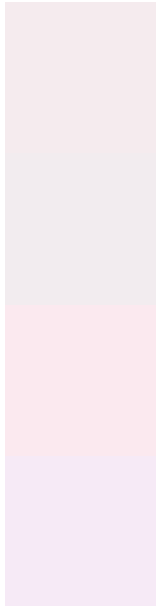
85.2052, 0.3240, 0.3222



Tritanopia

85.0170, 0.3109, 0.3113

Trichromacy



Original Color

85.0022, 0.3176, 0.3260

Protanomaly

85.1001, 0.3149, 0.3260

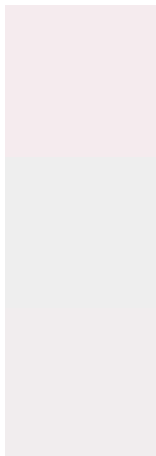
Deuteranomaly

85.0191, 0.3211, 0.3231

Tritanomaly

85.0923, 0.3133, 0.3171

Monochromacy



Original Color

85.0022, 0.3176, 0.3260

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.4422, 0.3148, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0022, 0.3176, 0.3260 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, 235, 238) looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 238)  
}
```

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, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 238) }
```

Border

The CSS property to change the border of an element to Yxy 85.0022, 0.3176, 0.3260 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, 235, 238) }
```

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

```
.border{ border-color:rgb(245, 235, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0022, 0.3176, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 238) }
```

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

```
.background{ background-color: rgb(245,  
235, 238) }
```

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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