

Converting Colors

$Yxy(82.5815, 0.3137, 0.3223)$

Have a look what the booklet for
Yxy(82.5815, 0.3137, 0.3223)
contains.

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Color

Yxy(82.4705, 0.3137, 0.3219)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0E8EF |
| RGB | 240, 232, 239 |
| RGB Percent | 94%, 91%, 94% |
| CMY | 0.0589, 0.0902, 0.0627 |
| CMYK | 0.00, 0.03, 0.00, 0.06 |
| HSL | 307°, 21%, 93% |
| HSV | 307°, 3%, 94% |
| XYZ | 80.3697, 82.4705, 93.3590 |
| YIQ | 235.1900, 2.5210, 3.8730 |

Conversions

Conversions Part 2

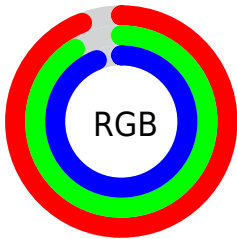
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 240, 232, 239 |
| Decimal | 15788271 |
| CIE Lab | 92.78, 3.92, -2.45 |
| CIE LCh | 93, 4.624, 328.032 |
| Yxy | 82.4705, 0.3137, 0.3219 |
| Android (android.graphics.Color) | 4293978351 (0xFFFF0E8EF) |
| YUV | 235.1900, 1.8783, 4.2184 |
| Hunter-Lab | 90.8133, -0.9509, 2.6173 |

Details

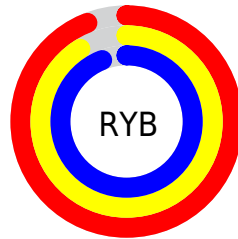
The Yxy color **82.4705, 0.3137, 0.3219** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3497, 0.3117, 0.3362**, and the grayscale version is **83.2155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6599, 0.3140, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **69.7028, 0.3169, 0.3000**, and if you desaturate by 10%, it is **96.4484, 0.3109, 0.3419**.

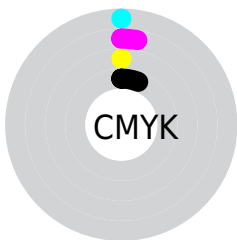
Distribution



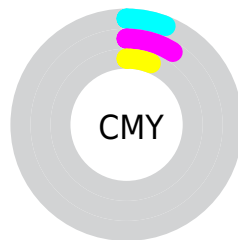
- Red (94%)
- Green (91%)
- Blue (94%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4705, 0.3137, 0.3219 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 82.4705, 0.3137, 0.3219 by changing the saturation by 10% instead.


 82.4705, 0.3137,
0.3219

 82.4705, 0.3137,
0.3219

503.2201, 0.3133,
0.3251

 61.7534, 0.3138,
0.3212


136.8336, 0.3136,
0.3230

 44.8335, 0.3139,
0.3203


171.2484, 0.3135,
0.3234

 31.3263, 0.3141,
0.3192

210.9980, 0.3134,
0.3238

 20.8474, 0.3142,
0.3178

256.4666, 0.3134,
0.3241

 13.0125, 0.3145,
0.3160

308.0388, 0.3134,
0.3244

 7.4372, 0.3148,
0.3133

366.0988, 0.3133,

 3.7370, 0.3153,

0.3247

0.3094

431.0311, 0.3133,
0.3249

■ 1.5275, 0.3161,
0.3029

■ 0.3080, 0.3229,
0.2560

■ 82.4705, 0.3137,
0.3219

■ 82.4705, 0.3137,
0.3219

■ 69.7028, 0.3169,
0.3000

■ 96.4484, 0.3109,
0.3419

■ 58.7047, 0.3206,
0.2775

■ 96.6238, 0.3093,
0.3390

■ 49.4006, 0.3246,
0.2552

■ 96.8020, 0.3076,
0.3361

■ 41.7051, 0.3290,
0.2339

■ 96.9830, 0.3060,
0.3333

■ 35.5254, 0.3336,
0.2145

■ 97.1667, 0.3044,
0.3304

■ 30.7595, 0.3383,
0.1980

■ 97.2625, 0.3035,
0.3290

■ 27.2923, 0.3431,
0.1853

■ 24.9912, 0.3476,
0.1771

■ 23.6950, 0.3518,
0.1733

Harmonies

Analogous

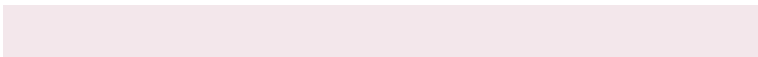
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4705, 0.3084, 0.3200



82.4705, 0.3137, 0.3219



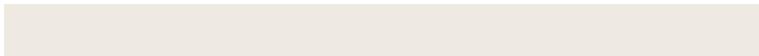
82.4705, 0.3188, 0.3257

Triad

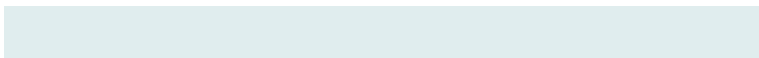
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4705, 0.3137, 0.3219



82.4705, 0.3212, 0.3376



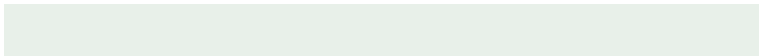
82.4705, 0.3033, 0.3275

Complementary

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



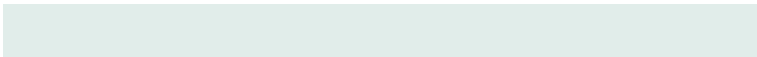
82.4705, 0.3137, 0.3219



85.3497, 0.3117, 0.3362

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.



82.4705, 0.3067, 0.3324



82.4705, 0.3137, 0.3219



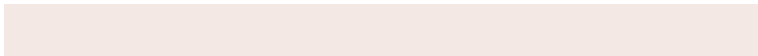
82.4705, 0.3170, 0.3382

Square

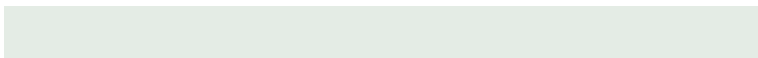
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



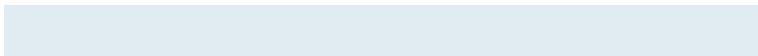
82.4705, 0.3137, 0.3219



82.4705, 0.3232, 0.3347



82.4705, 0.3117, 0.3363



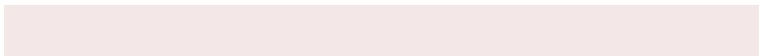
82.4705, 0.3024, 0.3232

Rectangle

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



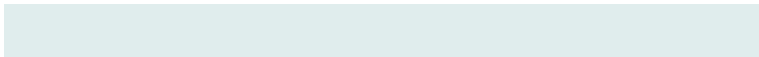
82.4705, 0.3137, 0.3219



82.4705, 0.3214, 0.3288



82.4705, 0.3117, 0.3363



82.4705, 0.3041, 0.3292

Sweetspot

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



82.4741, 0.3137, 0.3219



98.3640, 0.3130, 0.3269



81.3221, 0.3084, 0.3208



21.0712, 0.3130, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

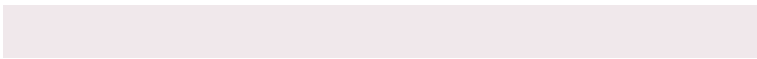
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4741, 0.3137, 0.3219



93.5848, 0.3139, 0.3204



82.2428, 0.3162, 0.3259



17.3198, 0.3141, 0.3188



12.7295, 0.3539, 0.1723



1.0682, 0.3489, 0.1696

Inverse Universe

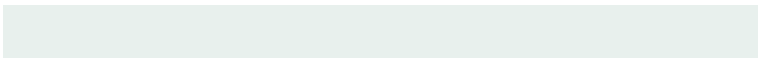
The Inverse Universe completely reimagines the original color for something new.



82.4741, 0.3137, 0.3219



93.5848, 0.3139, 0.3204



85.5782, 0.3094, 0.3321



17.3198, 0.3141, 0.3188



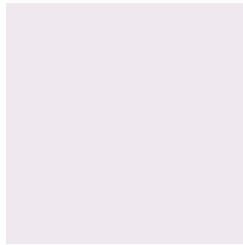
12.7295, 0.3539, 0.1723



1.0682, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 82.4705, 0.3137, 0.3219 looks on a white background.

Color Contrast Check

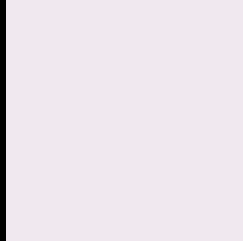
Large Text (above 18pt) WCAG AA × Fail

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 82.4705, 0.3137, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

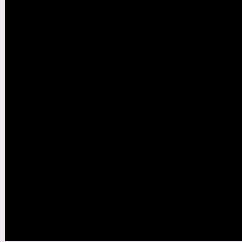
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

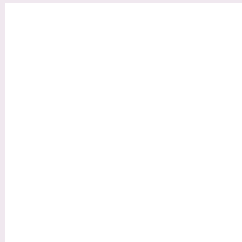
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4705, 0.3137, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 82.4705, 0.3137, 0.3219.

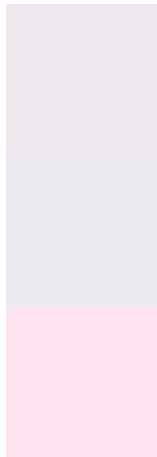


This preview shows how white text looks on a background with the Yxy color 82.4705, 0.3137, 0.3219.

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

82.4705, 0.3137, 0.3219

Protanopia

82.5736, 0.3110, 0.3219

Deuteranopia

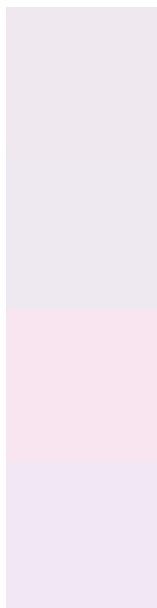
82.3003, 0.3230, 0.3162



Tritanopia

82.1340, 0.3082, 0.3100

Trichromacy



Original Color

82.4705, 0.3137, 0.3219

Protanomaly

82.7462, 0.3117, 0.3219

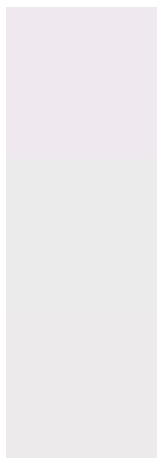
Deuteranomaly

82.4696, 0.3194, 0.3181

Tritanomaly

82.4452, 0.3107, 0.3149

Monochromacy



Original Color

82.4705, 0.3137, 0.3219

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9063, 0.3135, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4705, 0.3137, 0.3219 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(240, 232, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 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(240, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 239) }
```

Border

The CSS property to change the border of an element to Yxy 82.4705, 0.3137, 0.3219 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(240, 232, 239) }
```

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

```
.border{ border-color:rgb(240, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4705, 0.3137, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 239) }
```

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

```
.background{ background-color: rgb(240,  
232, 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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