

Converting Colors

Yxy(81.9544, 0.3166, 0.3193)

Have a look what the booklet for
Yxy(81.9544, 0.3166, 0.3193)
contains.

Yxy(82.0587, 0.3166, 0.3200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.0587, 0.3166, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	F4E6EF
RGB	244, 230, 239
RGB Percent	96%, 90%, 94%
CMY	0.0430, 0.0980, 0.0629
CMYK	0.00, 0.06, 0.02, 0.04
HSL	322°, 39%, 93%
HSV	322°, 6%, 96%
XYZ	81.1868, 82.0587, 93.1879
YIQ	235.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

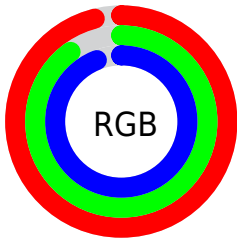
Format	Color
R _Y B	244, 230, 239
Decimal	16049903
CIE Lab	92.60, 6.30, -2.64
CIE LCh	93, 6.834, 337.232
Yxy	82.0587, 0.3166, 0.3200
Android (android.graphics.Color)	4294239983 (0xFF4E6EF)
YUV	235.2120, 1.8675, 7.7071
Hunter-Lab	90.5863, 1.4525, 2.4176

Details

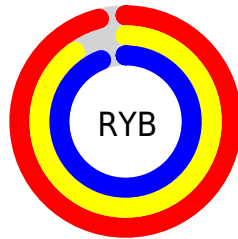
The Yxy color **82.0587, 0.3166, 0.3200** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.5439, 0.3090, 0.3382**, and the grayscale version is **83.2331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7702, 0.3176, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **68.9088, 0.3244, 0.3037**, and if you desaturate by 10%, it is **97.1424, 0.3101, 0.3355**.

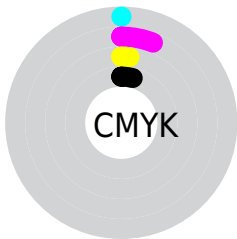
Distribution



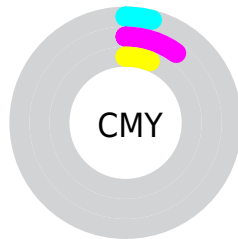
- Red (96%)
- Green (90%)
- Blue (94%)



- Red (96%)
- Yellow (90%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (4%)




- Cyan (4%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0587, 0.3166, 0.3200 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 82.0587, 0.3166, 0.3200 by changing the saturation by 10% instead.


 82.0587, 0.3166,
0.3200

 82.0587, 0.3166,
0.3200


501.8440, 0.3149,
0.3241

 61.4139, 0.3170,
0.3191

136.2563, 0.3160,
0.3214

 44.5593, 0.3175,
0.3180


170.5779, 0.3158,
0.3219

 31.1104, 0.3180,
0.3166


210.2273, 0.3156,
0.3224

 20.6830, 0.3188,
0.3149

255.5888, 0.3154,
0.3228

 12.8925, 0.3198,
0.3125

307.0468, 0.3152,
0.3232

 7.3545, 0.3212,
0.3092

364.9858, 0.3151,

 3.6848, 0.3233,

0.3235

429.7900, 0.3150,
0.3238

0.3043

1.4989, 0.3268,
0.2961

0.2879, 0.3522,
0.2372

82.0587, 0.3166,
0.3200

82.0587, 0.3166,
0.3200

68.9088, 0.3244,
0.3037

97.1424, 0.3101,
0.3355

57.6031, 0.3335,
0.2869

97.9782, 0.3060,
0.3290

48.0608, 0.3443,
0.2700

40.1910, 0.3566,
0.2538

■ 33.8944, 0.3705,
0.2392

■ 29.0613, 0.3857,
0.2273

■ 25.5678, 0.4018,
0.2193

■ 23.2692, 0.4182,
0.2162

■ 21.9867, 0.4342,
0.2183

Harmonies

Analogous

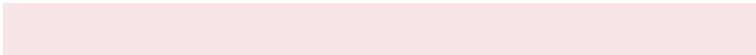
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0587, 0.3086, 0.3162



82.0587, 0.3166, 0.3200



82.0587, 0.3236, 0.3261

Triad

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



82.0587, 0.3166, 0.3200



82.0587, 0.3237, 0.3425



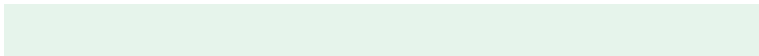
82.0587, 0.2979, 0.3246

Complementary

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



82.0587, 0.3166, 0.3200



87.5439, 0.3090, 0.3382

Split Complementary

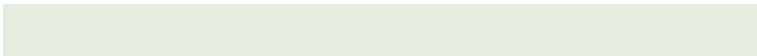
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0587, 0.3019, 0.3318



82.0587, 0.3166, 0.3200



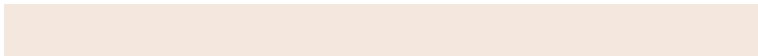
82.0587, 0.3167, 0.3422

Square

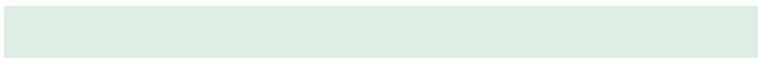
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



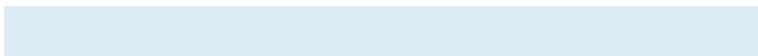
82.0587, 0.3166, 0.3200



82.0587, 0.3278, 0.3391



82.0587, 0.3087, 0.3383



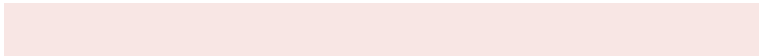
82.0587, 0.2979, 0.3188

Rectangle

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



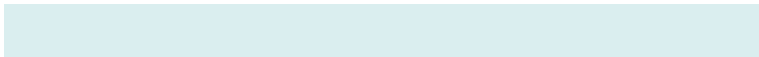
82.0587, 0.3166, 0.3200



82.0587, 0.3268, 0.3308



82.0587, 0.3087, 0.3383



82.0587, 0.2988, 0.3270

Sweetspot

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



82.0623, 0.3166, 0.3200



96.6709, 0.3140, 0.3259



80.7749, 0.3072, 0.3147



20.7264, 0.3140, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

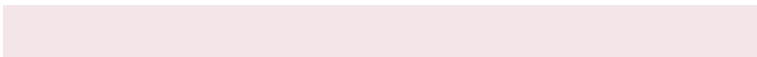
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0623, 0.3166, 0.3200



88.7267, 0.3175, 0.3180



81.6649, 0.3210, 0.3269



17.2184, 0.3179, 0.3171



11.7866, 0.4385, 0.2189



1.0556, 0.4198, 0.2086

Inverse Universe

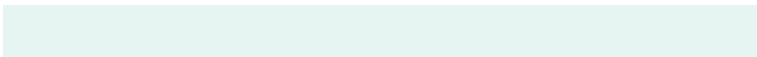
The Inverse Universe completely reimagines the original color for something new.



82.0623, 0.3166, 0.3200



88.7267, 0.3175, 0.3180



87.9479, 0.3050, 0.3311



17.2184, 0.3179, 0.3171



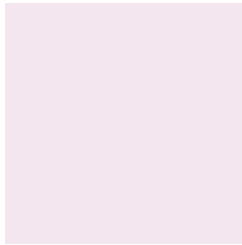
11.7866, 0.4385, 0.2189



1.0556, 0.4198, 0.2086

Previews

White Background



This preview shows how the Yxy color 82.0587, 0.3166, 0.3200 looks on a white background.

Color Contrast Check

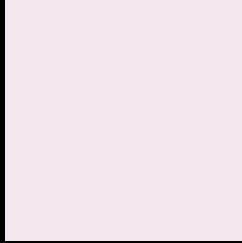
Large Text (above 18pt) WCAG AA × Fail

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 82.0587, 0.3166, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

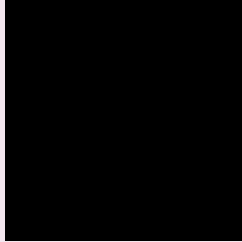
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

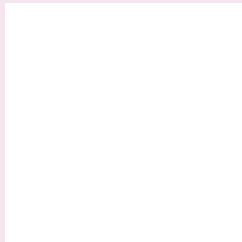
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0587, 0.3166, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 82.0587, 0.3166, 0.3200.

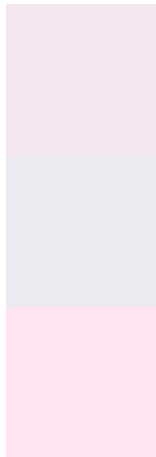


This preview shows how white text looks on a background with the Yxy color 82.0587, 0.3166, 0.3200.

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

82.0587, 0.3166, 0.3200

Protanopia

82.4020, 0.3104, 0.3219

Deuteranopia

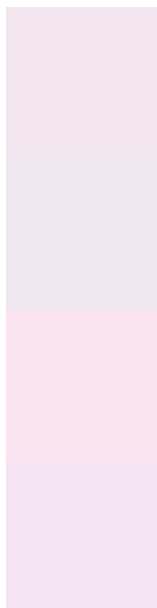
82.3003, 0.3230, 0.3162



Tritanopia

82.1665, 0.3122, 0.3111

Trichromacy



Original Color

82.0587, 0.3166, 0.3200

Protanomaly

82.3552, 0.3124, 0.3209

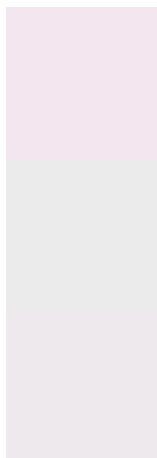
Deuteranomaly

82.1021, 0.3202, 0.3171

Tritanomaly

81.9828, 0.3141, 0.3140

Monochromacy



Original Color

82.0587, 0.3166, 0.3200

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.5111, 0.3142, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0587, 0.3166, 0.3200 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(244, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(244, 230, 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(244, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 230, 239) }
```

Border

The CSS property to change the border of an element to Yxy 82.0587, 0.3166, 0.3200 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(244, 230, 239) }
```

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

```
.border{ border-color:rgb(244, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(244, 230,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0587, 0.3166, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 230, 239) }
```

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

```
.background{ background-color: rgb(244,  
230, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor