

Converting Colors

$Yxy(82.0788, 0.3243, 0.3273)$

Have a look what the booklet for
Yxy(82.0788, 0.3243, 0.3273)
contains.

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Color

Yxy(82.3196, 0.3245, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F8E6E7
RGB	248, 230, 231
RGB Percent	97%, 90%, 91%
CMY	0.0273, 0.0981, 0.0940
CMYK	0.00, 0.07, 0.07, 0.03
HSL	357°, 56%, 94%
HSV	357°, 7%, 97%
XYZ	81.4412, 82.3196, 87.2136
YIQ	235.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

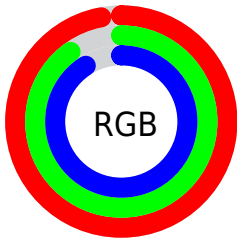
Format	Color
R _Y B	248, 230, 231
Decimal	16312039
CIE Lab	92.72, 6.30, 1.70
CIE LCh	93, 6.527, 15.109
Yxy	82.3196, 0.3245, 0.3280
Android (android.graphics.Color)	4294502119 (0xFF8E6E7)
YUV	235.4960, -2.2165, 10.9660
Hunter-Lab	90.7301, 1.4474, 6.5191

Details

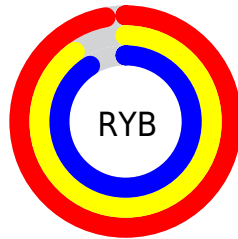
The Yxy color **82.3196, 0.3245, 0.3280** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.6891, 0.3020, 0.3300**, and the grayscale version is **83.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9616, 0.3279, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **68.2522, 0.3442, 0.3265**, and if you desaturate by 10%, it is **98.5348, 0.3088, 0.3294**.

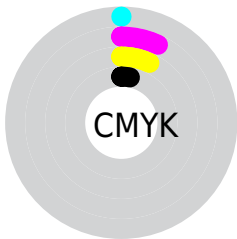
Distribution



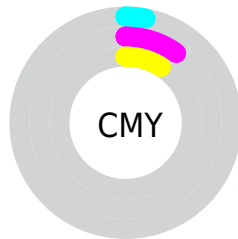
- Red (97%)
- Green (90%)
- Blue (91%)



- Red (97%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3196, 0.3245, 0.3280 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 82.3196, 0.3245, 0.3280 by changing the saturation by 10% instead.

 82.3196, 0.3245,
0.3280

 82.3196, 0.3245,
0.3280

502.7161, 0.3192,
0.3285

 61.6290, 0.3257,
0.3279


136.6221, 0.3227,
0.3282

 44.7330, 0.3272,
0.3277


171.0028, 0.3219,
0.3282

 31.2472, 0.3290,
0.3276


210.7157, 0.3213,
0.3283

 20.7871, 0.3314,
0.3273

256.1451, 0.3208,
0.3283

 12.9685, 0.3346,
0.3270

307.6754, 0.3203,
0.3284

 7.4069, 0.3391,
0.3265

365.6911, 0.3199,

 3.7178, 0.3460,

0.3284

0.3257

430.5765, 0.3195,
0.3285

■ 1.5170, 0.3578,
0.3243

■ 0.3006, 0.4634,
0.3169

■ 82.3196, 0.3245,
0.3280

■ 82.3196, 0.3245,
0.3280

■ 68.2522, 0.3442,
0.3265

■ 98.5348, 0.3088,
0.3294

■ 56.2324, 0.3688,
0.3250

■ 98.7014, 0.3084,
0.3290

■ 46.1680, 0.3992,
0.3236

■ 37.9556, 0.4361,
0.3223

■ 31.4823, 0.4790,
0.3214

■ 26.6228, 0.5257,
0.3214

■ 23.2352, 0.5712,
0.3223

■ 21.1528, 0.6086,
0.3244

■ 20.1608, 0.6318,
0.3272

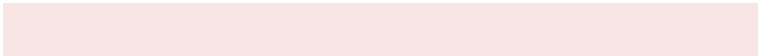
Harmonies

Analogous

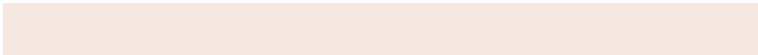
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3196, 0.3184, 0.3218



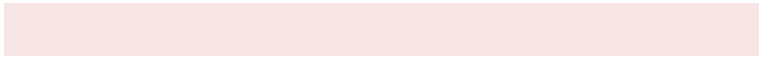
82.3196, 0.3245, 0.3280



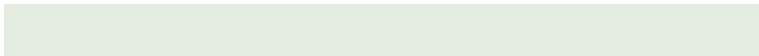
82.3196, 0.3275, 0.3346

Triad

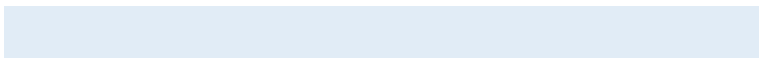
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3196, 0.3245, 0.3280



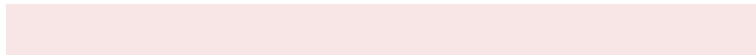
82.3196, 0.3145, 0.3409



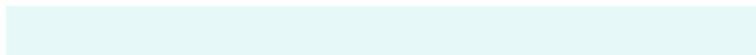
82.3196, 0.2992, 0.3182

Complementary

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



82.3196, 0.3245, 0.3280



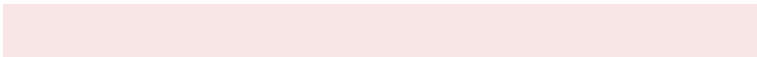
90.6891, 0.3020, 0.3300

Split Complementary

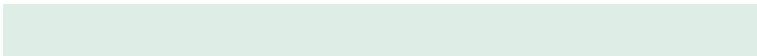
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3196, 0.2982, 0.3232



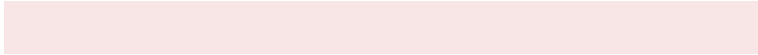
82.3196, 0.3245, 0.3280



82.3196, 0.3070, 0.3364

Square

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



82.3196, 0.3245, 0.3280



82.3196, 0.3217, 0.3421



82.3196, 0.3011, 0.3299



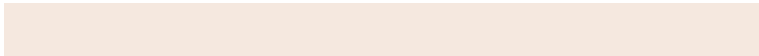
82.3196, 0.3038, 0.3161

Rectangle

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



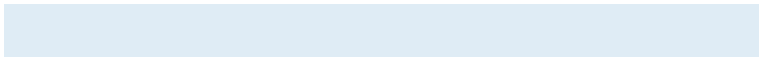
82.3196, 0.3245, 0.3280



82.3196, 0.3272, 0.3383



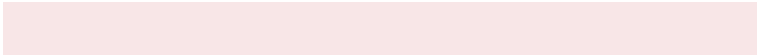
82.3196, 0.3011, 0.3299



82.3196, 0.2984, 0.3196

Sweetspot

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



82.3232, 0.3245, 0.3280



96.4832, 0.3158, 0.3287



83.1123, 0.3127, 0.3111



20.6882, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



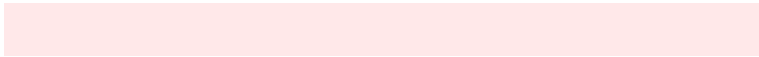
21.4041, 0.3127, 0.3290

Same Dimension

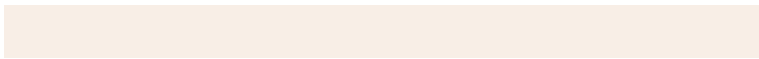
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3232, 0.3245, 0.3280



84.9050, 0.3276, 0.3278



86.7123, 0.3244, 0.3368



17.2412, 0.3285, 0.3277



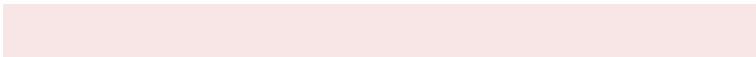
10.8041, 0.6342, 0.3268



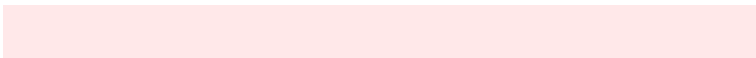
1.0061, 0.6203, 0.3191

Inverse Universe

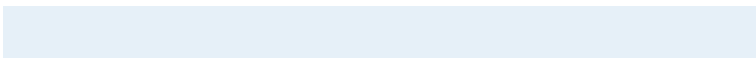
The Inverse Universe completely reimagines the original color for something new.



82.3232, 0.3245, 0.3280



84.9050, 0.3276, 0.3278



86.0471, 0.3015, 0.3210



17.2412, 0.3285, 0.3277



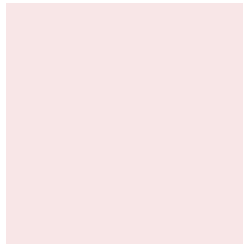
10.8041, 0.6342, 0.3268



1.0061, 0.6203, 0.3191

Previews

White Background



This preview shows how the Yxy color 82.3196, 0.3245, 0.3280 looks on a white background.

Color Contrast Check

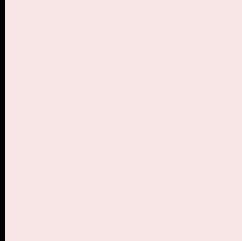
Large Text (above 18pt) WCAG AA × Fail

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 82.3196, 0.3245, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

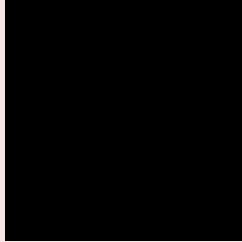
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

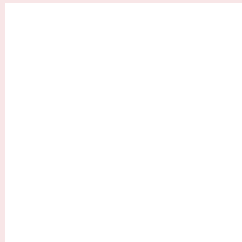
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3196, 0.3245, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 82.3196, 0.3245, 0.3280.

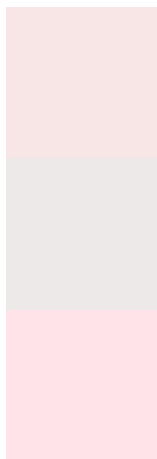


This preview shows how white text looks on a background with the Yxy color 82.3196, 0.3245, 0.3280.

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

82.3196, 0.3245, 0.3280

Protanopia

82.3382, 0.3161, 0.3290

Deuteranopia

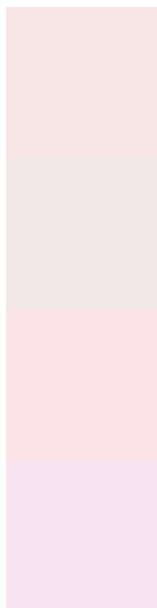
82.0244, 0.3290, 0.3241



Tritanopia

82.4646, 0.3163, 0.3112

Trichromacy



Original Color

82.3196, 0.3245, 0.3280

Protanomaly

82.4167, 0.3195, 0.3290

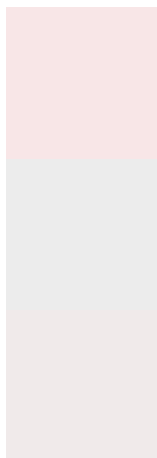
Deuteranomaly

82.0084, 0.3268, 0.3251

Tritanomaly

82.5292, 0.3188, 0.3171

Monochromacy



Original Color

82.3196, 0.3245, 0.3280

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.3114, 0.3168, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3196, 0.3245, 0.3280 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(248, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(248, 230, 231)  
}
```

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(248, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 230, 231) }
```

Border

The CSS property to change the border of an element to Yxy 82.3196, 0.3245, 0.3280 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(248, 230, 231) }
```

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

```
.border{ border-color:rgb(248, 230, 231) }
```

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

Here you see how a box with a 4 pixel rgb(248, 230, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(248, 230,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3196, 0.3245, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 230, 231) }
```

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

```
.background{ background-color: rgb(248,  
230, 231) }
```

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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