

Converting Colors

Yxy(84.4403, 0.3202, 0.3280)

Have a look what the booklet for
Yxy(84.4403, 0.3202, 0.3280)
contains.

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Color

Yxy(84.4366, 0.3202, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F6EAEB
RGB	246, 234, 235
RGB Percent	96%, 92%, 92%
CMY	0.0353, 0.0823, 0.0784
CMYK	0.00, 0.05, 0.04, 0.04
HSL	355°, 40%, 94%
HSV	355°, 5%, 96%
XYZ	82.4287, 84.4366, 90.5634
YIQ	237.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

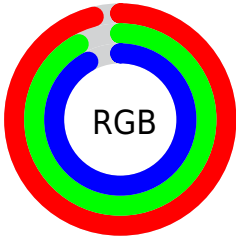
Format	Color
R _Y B	246, 234, 235
Decimal	16181995
CIE Lab	93.64, 4.23, 0.95
CIE LCh	94, 4.334, 12.610
Yxy	84.4366, 0.3202, 0.3280
Android (android.graphics.Color)	4294372075 (0xFF6EAEB)
YUV	237.7020, -1.3321, 7.2773
Hunter-Lab	91.8894, -0.6844, 5.8881

Details

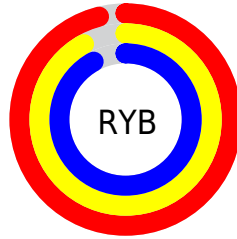
The Yxy color **84.4366, 0.3202, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.0029, 0.3057, 0.3300**, and the grayscale version is **85.2682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0426, 0.3224, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **70.1711, 0.3383, 0.3258**, and if you desaturate by 10%, it is **98.3348, 0.3072, 0.3290**.

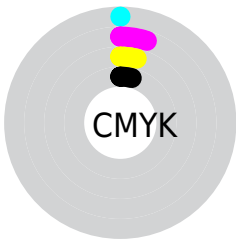
Distribution



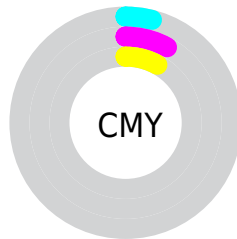
- Red (96%)
- Green (92%)
- Blue (92%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4366, 0.3202, 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 84.4366, 0.3202, 0.3280 by changing the saturation by 10% instead.


 84.4366, 0.3202,
0.3280

 84.4366, 0.3202,
0.3280

509.7619, 0.3168,
0.3285

 63.3760, 0.3210,
0.3279

139.5858, 0.3190,
0.3282

 46.1454, 0.3219,
0.3278


174.4431, 0.3186,
0.3282

 32.3606, 0.3230,
0.3276


214.6680, 0.3182,
0.3283

 21.6371, 0.3245,
0.3274

260.6451, 0.3179,
0.3283

 13.5905, 0.3265,
0.3271

312.7586, 0.3176,
0.3284

 7.8364, 0.3293,
0.3267

371.3930, 0.3173,

 3.9904, 0.3335,

0.3284

0.3260

436.9327, 0.3170,
0.3284

■ 1.6682, 0.3405,
0.3249

■ 0.4029, 0.3854,
0.3193

■ 84.4366, 0.3202,
0.3280

■ 84.4366, 0.3202,
0.3280

■ 70.1711, 0.3383,
0.3258

■ 98.3348, 0.3072,
0.3290

■ 57.9256, 0.3609,
0.3236

■ 47.6124, 0.3889,
0.3213

■ 39.1325, 0.4231,
0.3192

■ 32.3786, 0.4634,
0.3177

■ 27.2320, 0.5084,
0.3171

■ 23.5591, 0.5542,
0.3179

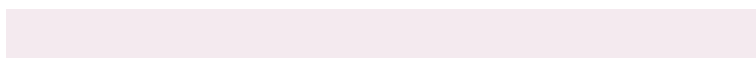
■ 21.2046, 0.5947,
0.3204

■ 19.9786, 0.6234,
0.3242

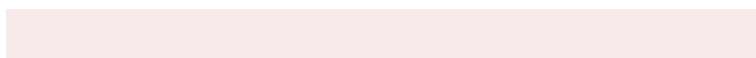
Harmonies

Analogous

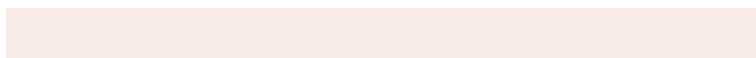
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4366, 0.3160, 0.3239



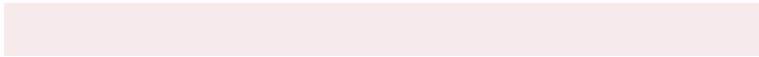
84.4366, 0.3202, 0.3280



84.4366, 0.3223, 0.3324

Triad

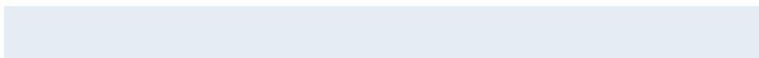
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4366, 0.3202, 0.3280



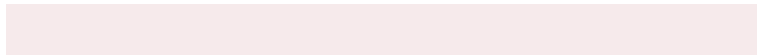
84.4366, 0.3144, 0.3370



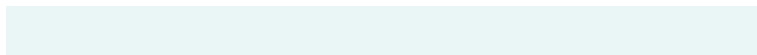
84.4366, 0.3036, 0.3221

Complementary

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



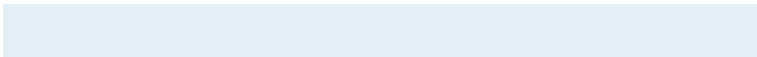
84.4366, 0.3202, 0.3280



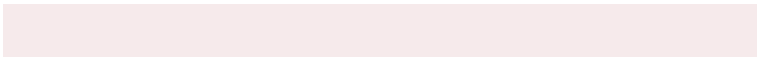
90.0029, 0.3057, 0.3300

Split Complementary

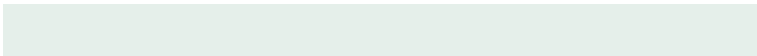
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4366, 0.3032, 0.3256



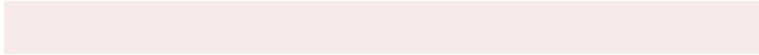
84.4366, 0.3202, 0.3280



84.4366, 0.3094, 0.3342

Square

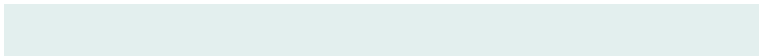
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4366, 0.3202, 0.3280



84.4366, 0.3189, 0.3376



84.4366, 0.3053, 0.3300



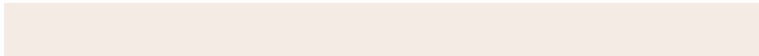
84.4366, 0.3065, 0.3205

Rectangle

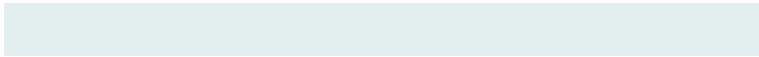
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



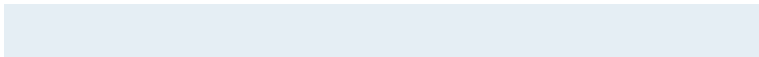
84.4366, 0.3202, 0.3280



84.4366, 0.3223, 0.3349



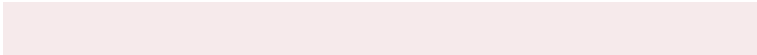
84.4366, 0.3053, 0.3300



84.4366, 0.3032, 0.3231

Sweetspot

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



84.4403, 0.3202, 0.3280



98.2344, 0.3142, 0.3288



84.8790, 0.3125, 0.3171



21.0448, 0.3141, 0.3288



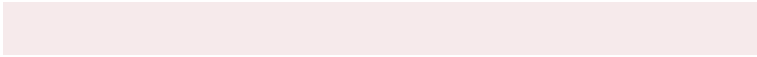
0.0000, 0.0000, 0.0000



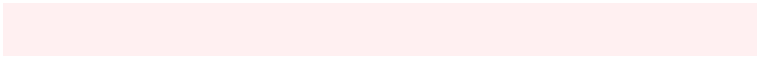
21.4041, 0.3127, 0.3290

Same Dimension

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



84.4403, 0.3202, 0.3280



89.7543, 0.3220, 0.3278



87.1543, 0.3205, 0.3338



17.3912, 0.3231, 0.3276



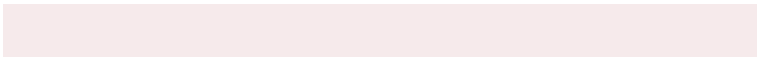
10.4946, 0.6308, 0.3249



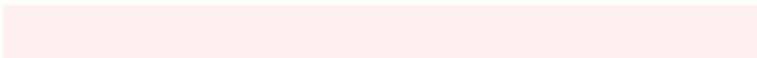
0.9300, 0.6101, 0.3135

Inverse Universe

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



84.4403, 0.3202, 0.3280



89.7543, 0.3220, 0.3278



87.1803, 0.3052, 0.3241



17.3912, 0.3231, 0.3276



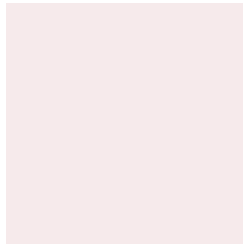
10.4946, 0.6308, 0.3249



0.9300, 0.6101, 0.3135

Previews

White Background



This preview shows how the Yxy color 84.4366, 0.3202, 0.3280 looks on a white background.

Color Contrast Check

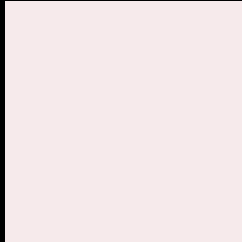
Large Text (above 18pt) WCAG AA × Fail

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 84.4366, 0.3202, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

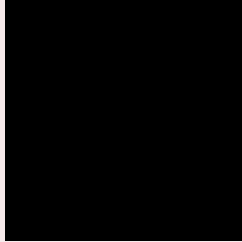
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

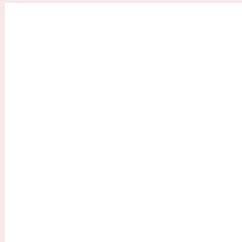
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4366, 0.3202, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 84.4366, 0.3202, 0.3280.

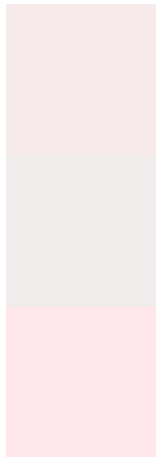


This preview shows how white text looks on a background with the Yxy color 84.4366, 0.3202, 0.3280.

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

84.4366, 0.3202, 0.3280

Protanopia

84.7478, 0.3161, 0.3290

Deuteranopia

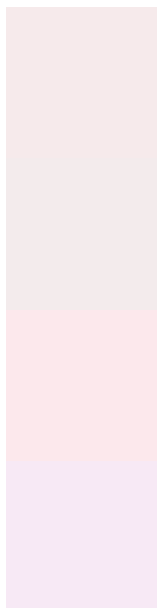
84.4680, 0.3260, 0.3241



Tritanopia

84.5718, 0.3122, 0.3113

Trichromacy



Original Color

84.4366, 0.3202, 0.3280

Protanomaly

84.5275, 0.3175, 0.3280

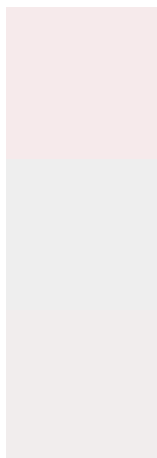
Deuteranomaly

84.4648, 0.3238, 0.3251

Tritanomaly

84.6446, 0.3146, 0.3171

Monochromacy



Original Color

84.4366, 0.3202, 0.3280

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.3836, 0.3154, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4366, 0.3202, 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(246, 234, 235) looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 235)  
}
```

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(246, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 235) }
```

Border

The CSS property to change the border of an element to Yxy 84.4366, 0.3202, 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(246, 234, 235) }
```

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

```
.border{ border-color:rgb(246, 234, 235) }
```

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

Here you see how a box with a 4 pixel rgb(246, 234, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4366, 0.3202, 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(246, 234, 235) }
```

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

```
.background{ background-color: rgb(246,  
234, 235) }
```

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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