

Converting Colors

Yxy(85.6020, 0.3282, 0.3339)

Have a look what the booklet for
Yxy(85.6020, 0.3282, 0.3339)
contains.

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Color

Yxy(85.4415, 0.3282, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	FDEAE6
RGB	253, 234, 230
RGB Percent	99%, 92%, 90%
CMY	0.0079, 0.0823, 0.0980
CMYK	0.00, 0.07, 0.09, 0.01
HSL	10°, 85%, 95%
HSV	10°, 9%, 99%
XYZ	84.2099, 85.4415, 86.9297
YIQ	239.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

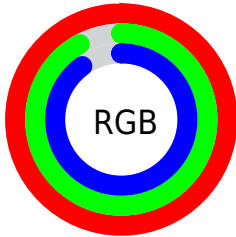
Format	Color
R _Y B	253, 235, 230
Decimal	16640742
CIE Lab	94.07, 5.77, 4.24
CIE LCh	94, 7.164, 36.319
Yxy	85.4415, 0.3282, 0.3330
Android (android.graphics.Color)	4294830822 (0xFFFDEAE6)
YUV	239.2250, -4.5479, 12.0807
Hunter-Lab	92.4346, 0.8569, 8.9452

Details

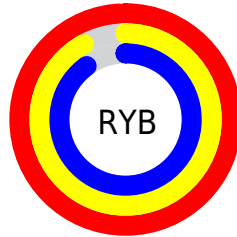
The Yxy color **85.4415, 0.3282, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.6604, 0.2986, 0.3250**, and the grayscale version is **86.5310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6717, 0.3311, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **72.9180, 0.3488, 0.3377**, and if you desaturate by 10%, it is **99.5620, 0.3115, 0.3289**.

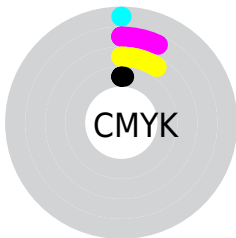
Distribution



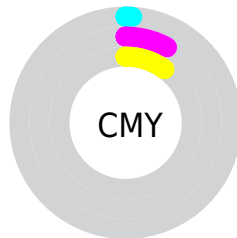
- Red (99%)
- Green (92%)
- Blue (90%)



- Red (99%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.4415, 0.3282, 0.3330 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 85.4415, 0.3282, 0.3330 by changing the saturation by 10% instead.

 85.4415, 0.3282,
0.3330

 85.4415, 0.3282,
0.3330


513.0878, 0.3212,
0.3313

 64.2062, 0.3298,
0.3334


140.9899, 0.3258,
0.3324

 46.8177, 0.3317,
0.3338


176.0717, 0.3249,
0.3322

 32.8916, 0.3341,
0.3344


216.5380, 0.3241,
0.3320

 22.0434, 0.3371,
0.3351

262.7729, 0.3233,
0.3318

 13.8888, 0.3412,
0.3360

315.1610, 0.3227,
0.3316

 8.0434, 0.3470,
0.3373

374.0865, 0.3222,

 4.1227, 0.3557,

0.3315

0.3391

439.9340, 0.3217,
0.3314

■ 1.7424, 0.3702,
0.3418

■ 0.4509, 0.4688,
0.3712

■ 85.4415, 0.3282,
0.3330

■ 85.4415, 0.3282,
0.3330

■ 72.9180, 0.3488,
0.3377

99.5620, 0.3115,
0.3289

■ 61.9433, 0.3738,
0.3426

99.6188, 0.3115,
0.3290

■ 52.4603, 0.4038,
0.3475

■ 44.4041, 0.4392,
0.3519

■ 37.7050, 0.4794,
0.3552

■ 32.2874, 0.5223,
0.3564

■ 28.0680, 0.5639,
0.3548

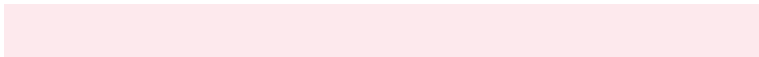
■ 24.9533, 0.5989,
0.3500

■ 22.8313, 0.6229,
0.3428

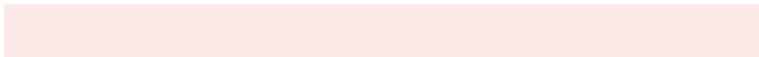
Harmonies

Analogous

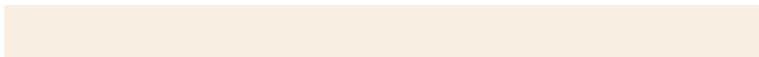
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4415, 0.3238, 0.3258



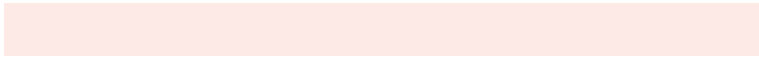
85.4415, 0.3282, 0.3330



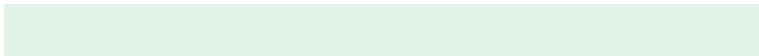
85.4415, 0.3284, 0.3393

Triad

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



85.4415, 0.3282, 0.3330



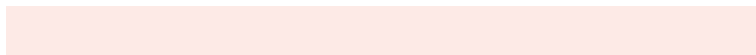
85.4415, 0.3088, 0.3388



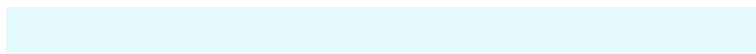
85.4415, 0.3012, 0.3153

Complementary

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



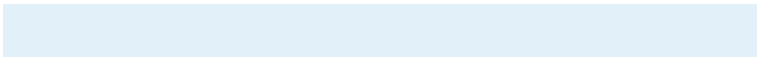
85.4415, 0.3282, 0.3330



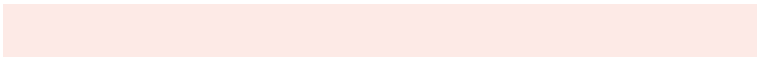
91.6604, 0.2986, 0.3250

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.



85.4415, 0.2973, 0.3186



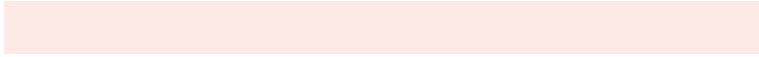
85.4415, 0.3282, 0.3330



85.4415, 0.3017, 0.3321

Square

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



85.4415, 0.3282, 0.3330



85.4415, 0.3171, 0.3427



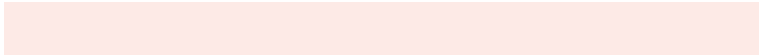
85.4415, 0.2975, 0.3247



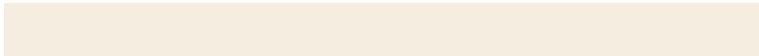
85.4415, 0.3082, 0.3157

Rectangle

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



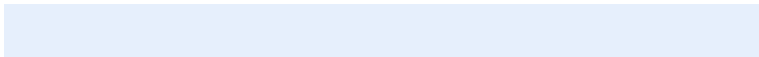
85.4415, 0.3282, 0.3330



85.4415, 0.3261, 0.3420



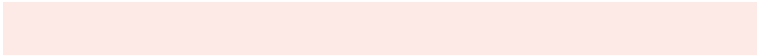
85.4415, 0.2975, 0.3247



85.4415, 0.2995, 0.3160

Sweetspot

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



85.4453, 0.3282, 0.3330



95.5508, 0.3175, 0.3303



84.3324, 0.3162, 0.3103



20.2028, 0.3189, 0.3306



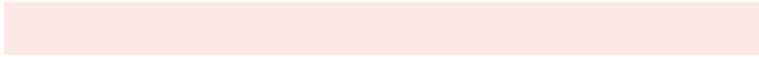
0.0000, 0.0000, 0.0000



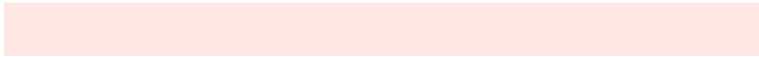
21.4041, 0.3127, 0.3290

Same Dimension

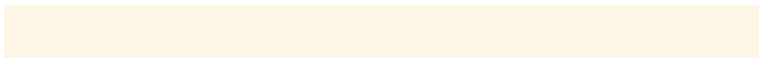
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4453, 0.3282, 0.3330



84.4191, 0.3319, 0.3339



92.0954, 0.3270, 0.3441



18.4974, 0.3290, 0.3332



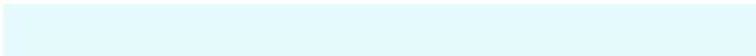
12.2105, 0.6225, 0.3439



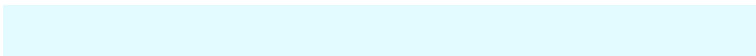
1.3229, 0.6029, 0.3595

Inverse Universe

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



91.6604, 0.2986, 0.3250



91.9905, 0.2957, 0.3241



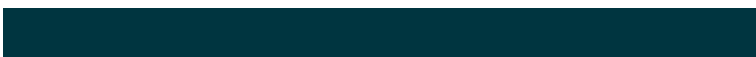
84.8755, 0.2986, 0.3135



19.9123, 0.2980, 0.3248



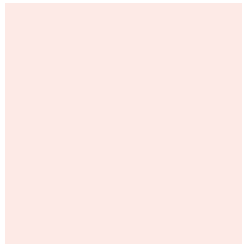
28.2257, 0.2090, 0.2724



2.8832, 0.2110, 0.2795

Previews

White Background



This preview shows how the Yxy color 85.4415, 0.3282, 0.3330 looks on a white background.

Color Contrast Check

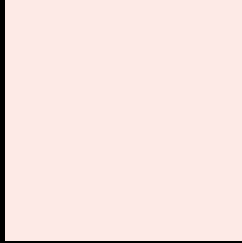
Large Text (above 18pt) WCAG AA × Fail

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 85.4415, 0.3282, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

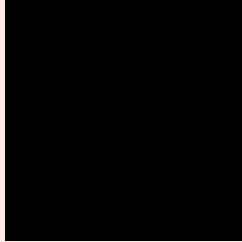
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

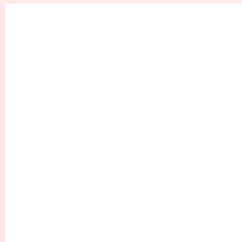
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.4415, 0.3282, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 85.4415, 0.3282, 0.3330.

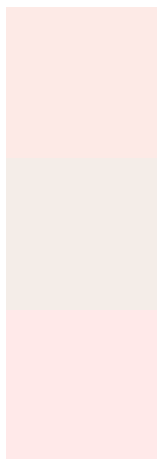


This preview shows how white text looks on a background with the Yxy color 85.4415, 0.3282, 0.3330.

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

85.4415, 0.3282, 0.3330

Protanopia

85.6277, 0.3205, 0.3341

Deuteranopia

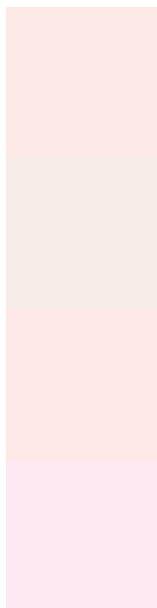
85.4210, 0.3278, 0.3290



Tritanopia

85.2514, 0.3176, 0.3115

Trichromacy



Original Color

85.4415, 0.3282, 0.3330

Protanomaly

85.5346, 0.3233, 0.3340

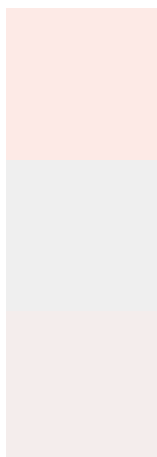
Deuteranomaly

85.1749, 0.3277, 0.3300

Tritanomaly

85.1949, 0.3213, 0.3192

Monochromacy



Original Color

85.4415, 0.3282, 0.3330

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.8576, 0.3180, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4415, 0.3282, 0.3330 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(253, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 234, 230)  
}
```

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(253, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 230) }
```

Border

The CSS property to change the border of an element to Yxy 85.4415, 0.3282, 0.3330 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(253, 234, 230) }
```

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

```
.border{ border-color:rgb(253, 234, 230) }
```

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

Here you see how a box with a 4 pixel rgb(253, 234, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4415, 0.3282, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 230) }
```

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

```
.background{ background-color: rgb(253,  
234, 230) }
```

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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