

Converting Colors

$Yxy(84.4790, 0.3244, 0.3327)$

Have a look what the booklet for
Yxy(84.4790, 0.3244, 0.3327)
contains.

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Color

Yxy(84.5153, 0.3248, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	F8EAE6
RGB	248, 234, 230
RGB Percent	97%, 92%, 90%
CMY	0.0272, 0.0824, 0.0979
CMYK	0.00, 0.06, 0.07, 0.03
HSL	13°, 56%, 94%
HSV	13°, 7%, 97%
XYZ	82.4341, 84.5153, 86.8503
YIQ	237.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

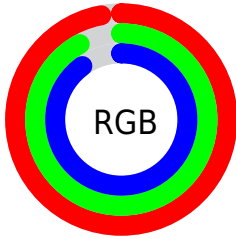
Format	Color
R _Y B	248, 235, 230
Decimal	16313062
CIE Lab	93.67, 4.09, 3.61
CIE LCh	94, 5.459, 41.420
Yxy	84.5153, 0.3248, 0.3330
Android (android.graphics.Color)	4294503142 (0xFF8EAE6)
YUV	237.7300, -3.8109, 9.0068
Hunter-Lab	91.9322, -0.8232, 8.3401

Details

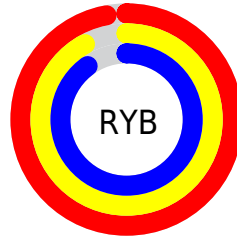
The Yxy color **84.5153, 0.3248, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.3674, 0.3015, 0.3250**, and the grayscale version is **85.3132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1424, 0.3275, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **72.7967, 0.3444, 0.3389**, and if you desaturate by 10%, it is **97.6439, 0.3086, 0.3276**.

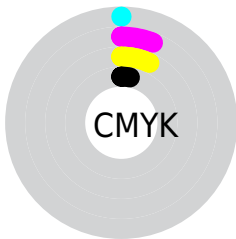
Distribution



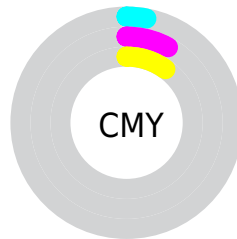
- Red (97%)
- Green (92%)
- Blue (90%)



- Red (97%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.5153, 0.3248, 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 84.5153, 0.3248, 0.3330 by changing the saturation by 10% instead.


 84.5153, 0.3248,
0.3330

 84.5153, 0.3248,
0.3330


510.0228, 0.3193,
0.3312

 63.4410, 0.3260,
0.3334


139.6958, 0.3229,
0.3324

 46.1980, 0.3275,
0.3339


174.5707, 0.3222,
0.3322

 32.4021, 0.3294,
0.3344


214.8146, 0.3216,
0.3320

 21.6688, 0.3318,
0.3352


260.8119, 0.3210,
0.3318

 13.6138, 0.3350,
0.3362

312.9470, 0.3205,
0.3316

 7.8525, 0.3395,
0.3375

371.6043, 0.3201,

 4.0007, 0.3464,

0.3315

437.1681, 0.3197,
0.3313

0.3395

1.6740, 0.3579,
0.3426

0.4067, 0.4490,
0.3753

84.5153, 0.3248,
0.3330

84.5153, 0.3248,
0.3330

72.7967, 0.3444,
0.3389

97.6439, 0.3086,
0.3276

62.4300, 0.3680,
0.3450

98.7065, 0.3084,
0.3290

53.3697, 0.3961,
0.3512

45.5630, 0.4292,
0.3569

■ 38.9540, 0.4668,
0.3615

■ 33.4820, 0.5075,
0.3640

■ 29.0811, 0.5481,
0.3633

■ 25.6779, 0.5840,
0.3588

■ 23.1882, 0.6107,
0.3508

Harmonies

Analogous

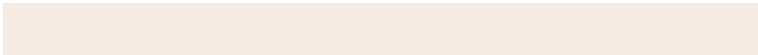
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5153, 0.3220, 0.3275



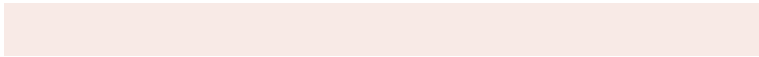
84.5153, 0.3248, 0.3330



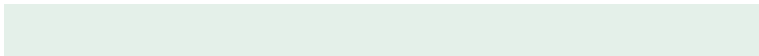
84.5153, 0.3243, 0.3375

Triad

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



84.5153, 0.3248, 0.3330



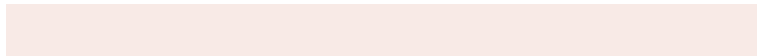
84.5153, 0.3087, 0.3357



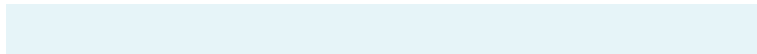
84.5153, 0.3047, 0.3184

Complementary

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



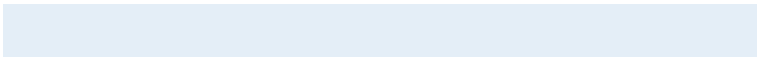
84.5153, 0.3248, 0.3330



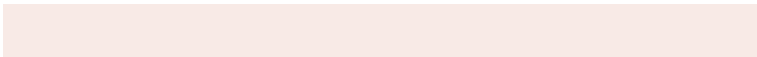
88.3674, 0.3015, 0.3250

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.



84.5153, 0.3012, 0.3204



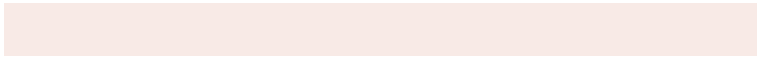
84.5153, 0.3248, 0.3330



84.5153, 0.3035, 0.3305

Square

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



84.5153, 0.3248, 0.3330



84.5153, 0.3150, 0.3392



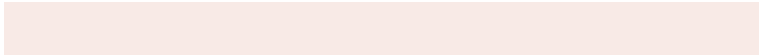
84.5153, 0.3008, 0.3248



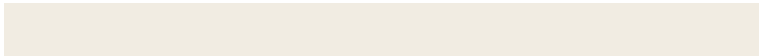
84.5153, 0.3103, 0.3191

Rectangle

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



84.5153, 0.3248, 0.3330



84.5153, 0.3223, 0.3393



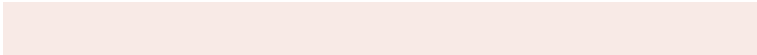
84.5153, 0.3008, 0.3248



84.5153, 0.3032, 0.3188

Sweetspot

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



84.5190, 0.3248, 0.3330



97.1627, 0.3159, 0.3301



83.1161, 0.3160, 0.3150



20.8266, 0.3157, 0.3300



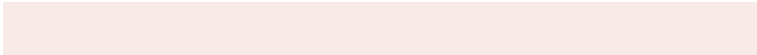
0.0000, 0.0000, 0.0000



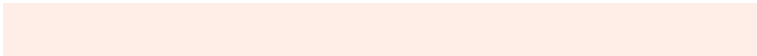
21.4041, 0.3127, 0.3290

Same Dimension

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



84.5190, 0.3248, 0.3330



87.7094, 0.3280, 0.3340



89.7506, 0.3240, 0.3419



17.8431, 0.3289, 0.3343



12.3969, 0.6142, 0.3505



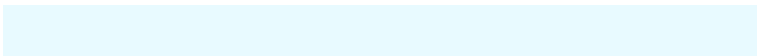
1.2977, 0.5920, 0.3682

Inverse Universe

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



88.3674, 0.3015, 0.3250



92.7306, 0.2988, 0.3240



83.1024, 0.3015, 0.3158



18.9238, 0.2980, 0.3237



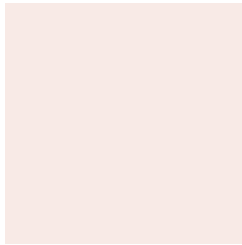
24.6099, 0.2046, 0.2566



2.4334, 0.2073, 0.2662

Previews

White Background



This preview shows how the Yxy color 84.5153, 0.3248, 0.3330 looks on a white background.

Color Contrast Check

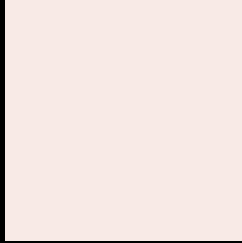
Large Text (above 18pt) WCAG AA × Fail

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 84.5153, 0.3248, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

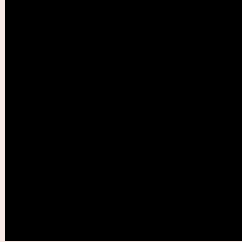
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

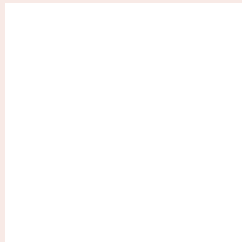
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5153, 0.3248, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 84.5153, 0.3248, 0.3330.

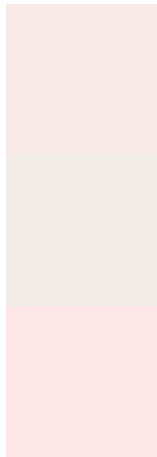


This preview shows how white text looks on a background with the Yxy color 84.5153, 0.3248, 0.3330.

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

84.5153, 0.3248, 0.3330

Protanopia

84.6377, 0.3199, 0.3341

Deuteranopia

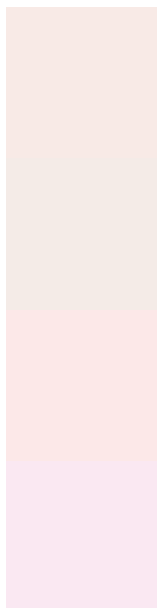
84.2950, 0.3280, 0.3271



Tritanopia

84.5006, 0.3149, 0.3114

Trichromacy



Original Color

84.5153, 0.3248, 0.3330

Protanomaly

84.4193, 0.3213, 0.3331

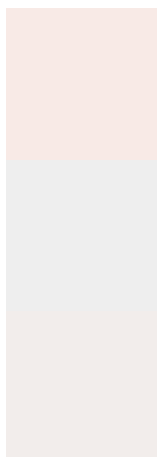
Deuteranomaly

84.2349, 0.3264, 0.3290

Tritanomaly

84.4480, 0.3186, 0.3191

Monochromacy



Original Color

84.5153, 0.3248, 0.3330

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.4438, 0.3173, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5153, 0.3248, 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(248, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 230) }
```

Border

The CSS property to change the border of an element to Yxy 84.5153, 0.3248, 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(248, 234, 230) }
```

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

```
.border{ border-color:rgb(248, 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(248, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5153, 0.3248, 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(248, 234, 230) }
```

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

```
.background{ background-color: rgb(248,  
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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