

Converting Colors

Yxy(88.4068, 0.3067, 0.3341)

Have a look what the booklet for
Yxy(88.4068, 0.3067, 0.3341)
contains.

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Color

Yxy(88.5850, 0.3067, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	E7F5F0
RGB	231, 245, 240
RGB Percent	91%, 96%, 94%
CMY	0.0943, 0.0391, 0.0589
CMYK	0.06, 0.00, 0.02, 0.04
HSL	159°, 41%, 93%
HSV	159°, 6%, 96%
XYZ	81.3200, 88.5850, 95.2401
YIQ	240.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

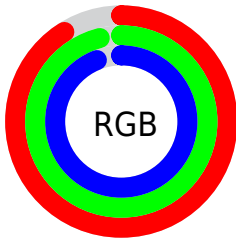
Format	Color
R _Y B	231, 240, 245
Decimal	15201776
CIE Lab	95.41, -5.53, 0.81
CIE LCh	95, 5.593, 171.681
Yxy	88.5850, 0.3067, 0.3341
Android (android.graphics.Color)	4293391856 (0xFFE7F5F0)
YUV	240.2440, -0.1203, -8.1070
Hunter-Lab	94.1196, -10.4840, 5.8878

Details

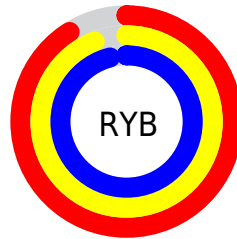
The Yxy color **88.5850, 0.3067, 0.3341** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.5917, 0.3191, 0.3240**, and the grayscale version is **87.3388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9698, 0.3051, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **84.2860, 0.2965, 0.3438**, and if you desaturate by 10%, it is **93.4026, 0.3169, 0.3254**.

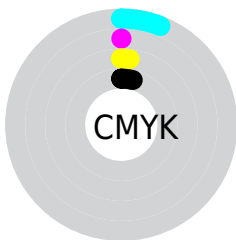
Distribution



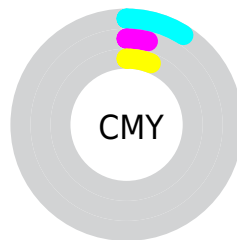
- Red (91%)
- Green (96%)
- Blue (94%)



- Red (91%)
- Yellow (94%)
- Blue (96%)



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





- Cyan (9%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.5850, 0.3067, 0.3341 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 88.5850, 0.3067, 0.3341 by changing the saturation by 10% instead.

 88.5850, 0.3067,
0.3341

 88.5850, 0.3067,
0.3341

523.4171, 0.3094,
0.3318

 66.8077, 0.3061,
0.3346


145.3713, 0.3076,
0.3333

 48.9283, 0.3054,
0.3352

181.1491, 0.3080,
0.3330

 34.5626, 0.3045,
0.3360


222.3625, 0.3083,
0.3328

 23.3262, 0.3033,
0.3370

269.3958, 0.3086,
0.3325

 14.8345, 0.3018,
0.3383

322.6336, 0.3088,
0.3323

 8.7033, 0.2996,
0.3401

382.4601, 0.3090,

 4.5482, 0.2965,

0.3321

449.2598, 0.3092,
0.3320

0.3428

■ 1.9847, 0.2913,
0.3473

■ 0.5986, 0.2666,
0.3678

■ 88.5850, 0.3067,
0.3341

■ 88.5850, 0.3067,
0.3341

■ 84.2860, 0.2965,
0.3438

■ 93.4026, 0.3169,
0.3254

■ 80.5552, 0.2868,
0.3544

■ 93.7987, 0.3132,
0.3195

■ 77.3706, 0.2779,
0.3660

■ 74.7048, 0.2702,
0.3785

■ 72.5277, 0.2640,
0.3917

■ 70.8060, 0.2595,
0.4054

■ 69.5023, 0.2570,
0.4194

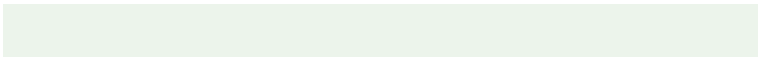
■ 68.5729, 0.2565,
0.4333

■ 67.9638, 0.2581,
0.4470

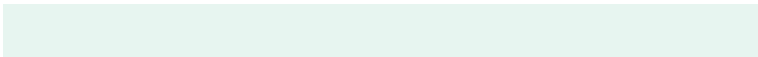
Harmonies

Analogous

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



88.5850, 0.3129, 0.3383



88.5850, 0.3067, 0.3341



88.5850, 0.3022, 0.3285

Triad

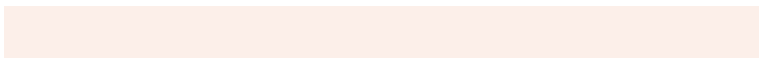
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5850, 0.3067, 0.3341



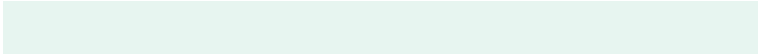
88.5850, 0.3064, 0.3182



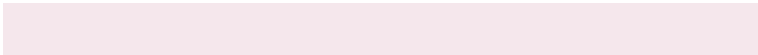
88.5850, 0.3251, 0.3348

Complementary

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



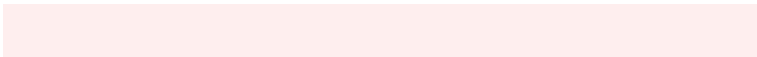
88.5850, 0.3067, 0.3341



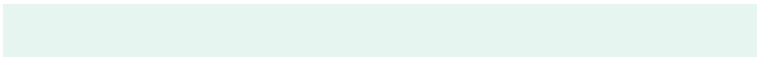
82.5917, 0.3191, 0.3240

Split Complementary

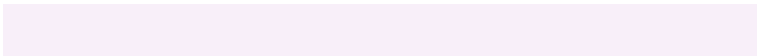
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5850, 0.3234, 0.3294



88.5850, 0.3067, 0.3341



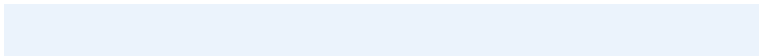
88.5850, 0.3125, 0.3199

Square

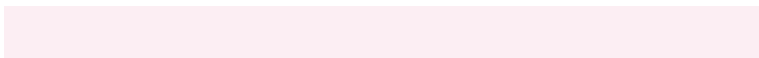
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



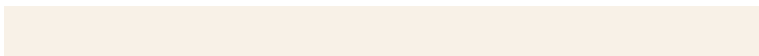
88.5850, 0.3067, 0.3341



88.5850, 0.3020, 0.3194



88.5850, 0.3187, 0.3240



88.5850, 0.3235, 0.3387

Rectangle

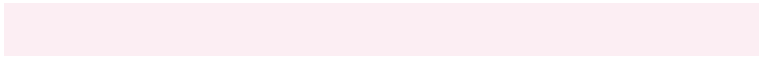
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



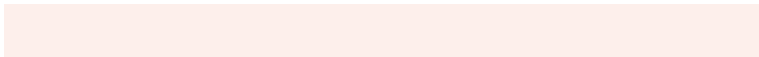
88.5850, 0.3067, 0.3341



88.5850, 0.3007, 0.3248



88.5850, 0.3187, 0.3240



88.5850, 0.3249, 0.3331

Sweetspot

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



88.5888, 0.3067, 0.3341



98.9286, 0.3106, 0.3307



88.9360, 0.3154, 0.3433



21.1860, 0.3107, 0.3307



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

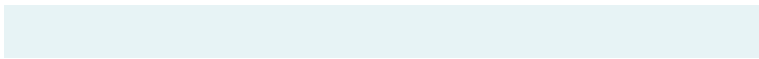
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5888, 0.3067, 0.3341



96.3660, 0.3054, 0.3353



87.7619, 0.3038, 0.3271



18.8317, 0.3048, 0.3358



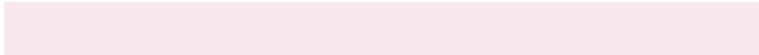
36.5270, 0.2585, 0.4506



3.2299, 0.2538, 0.4335

Inverse Universe

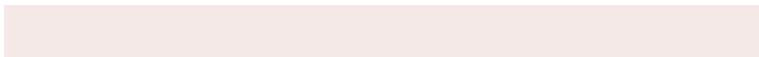
The Inverse Universe completely reimagines the original color for something new.



82.5917, 0.3191, 0.3240



88.4186, 0.3207, 0.3228



83.3593, 0.3222, 0.3309



17.1533, 0.3214, 0.3223



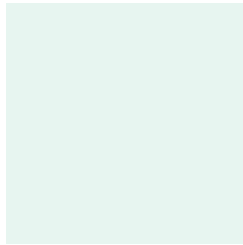
10.8580, 0.5549, 0.2831



0.9732, 0.5203, 0.2640

Previews

White Background



This preview shows how the Yxy color 88.5850, 0.3067, 0.3341 looks on a white background.

Color Contrast Check

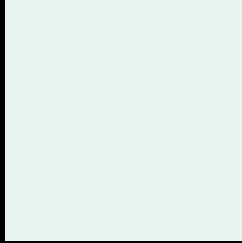
Large Text (above 18pt) WCAG AA × Fail

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 88.5850, 0.3067, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

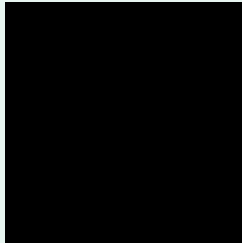
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

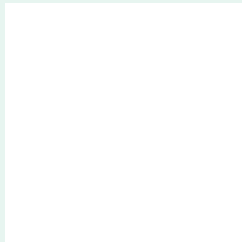
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5850, 0.3067, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 88.5850, 0.3067, 0.3341.

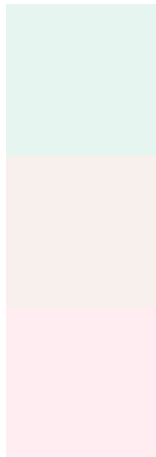


This preview shows how white text looks on a background with the Yxy color 88.5850, 0.3067, 0.3341.

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

88.5850, 0.3067, 0.3341

Protanopia

88.2088, 0.3192, 0.3320

Deuteranopia

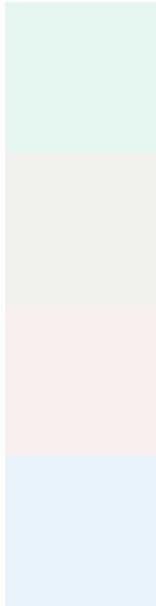
88.2392, 0.3216, 0.3242



Tritanopia

88.7288, 0.3018, 0.3161

Trichromacy



Original Color

88.5850, 0.3067, 0.3341

Protanomaly

88.3781, 0.3145, 0.3330

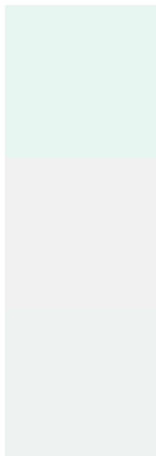
Deuteranomaly

88.2639, 0.3161, 0.3280

Tritanomaly

88.6655, 0.3035, 0.3220

Monochromacy



Original Color

88.5850, 0.3067, 0.3341

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.8001, 0.3107, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5850, 0.3067, 0.3341 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(231, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 240)  
}
```

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(231, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 240) }
```

Border

The CSS property to change the border of an element to Yxy 88.5850, 0.3067, 0.3341 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(231, 245, 240) }
```

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

```
.border{ border-color:rgb(231, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5850, 0.3067, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 240) }
```

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

```
.background{ background-color: rgb(231,  
245, 240) }
```

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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