

Converting Colors

$Y_{xy}(85.8412, 0.3468, 0.3800)$

Have a look what the booklet for
Yxy(85.8412, 0.3468, 0.3800)
contains.

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Color

Yxy(86.0847, 0.3468, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1BF
RGB	245, 241, 191
RGB Percent	96%, 95%, 75%
CMY	0.0394, 0.0548, 0.2509
CMYK	0.00, 0.02, 0.22, 0.04
HSL	56°, 73%, 85%
HSV	56°, 22%, 96%
XYZ	78.5016, 86.0847, 61.7736
YIQ	236.4960, 18.4340, -14.7020

Conversions

Conversions Part 2

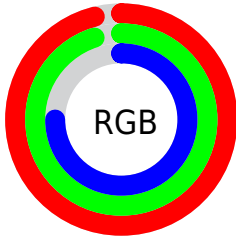
Format	Color
R _Y B	195, 245, 191
Decimal	16118207
CIE Lab	94.35, -6.52, 24.69
CIE LCh	94, 25.534, 104.796
Yxy	86.0847, 0.3468, 0.3803
Android (android.graphics.Color)	4294308287 (0xFFFF5F1BF)
YUV	236.4960, -22.4295, 7.4580
Hunter-Lab	92.7818, -11.3414, 25.4723

Details

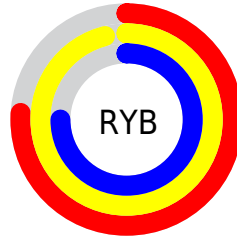
The Yxy color **86.0847, 0.3468, 0.3803** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.6667, 0.2758, 0.2719**, and the grayscale version is **84.4429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **47.1954, 0.3541, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **84.0492, 0.3628, 0.4038**, and if you desaturate by 10%, it is **88.3185, 0.3310, 0.3566**.

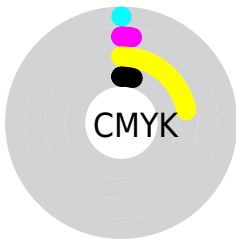
Distribution



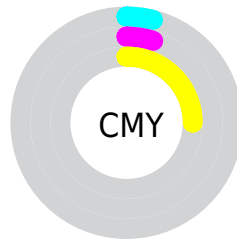
- Red (96%)
- Green (95%)
- Blue (75%)



- Red (76%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0847, 0.3468, 0.3803 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 86.0847, 0.3468, 0.3803 by changing the saturation by 10% instead.


 86.0847, 0.3468,
0.3803

 86.0847, 0.3468,
0.3803


515.2105, 0.3317,
0.3570

 64.7380, 0.3501,
0.3855


 141.8877, 0.3417,
0.3723

 47.2487, 0.3540,
0.3918

177.1128, 0.3397,
0.3692

 33.2323, 0.3588,
0.3997


217.7328, 0.3379,
0.3665

 22.3045, 0.3649,
0.4097

264.1321, 0.3364,
0.3641

 14.0808, 0.3726,
0.4230

316.6951, 0.3350,
0.3620

 8.1769, 0.3827,
0.4412

375.8063, 0.3338,

 4.2083, 0.3961,

0.3602

0.4673

441.8499, 0.3327,
0.3585

■ 1.7908, 0.4486,
0.5503

■ 0.4814, 0.3826,
0.6174

■ 86.0847, 0.3468,
0.3803

■ 86.0847, 0.3468,
0.3803

■ 84.0492, 0.3628,
0.4038

■ 88.3185, 0.3310,
0.3566

■ 82.1916, 0.3784,
0.4264

■ 90.7475, 0.3157,
0.3335

■ 80.5059, 0.3930,
0.4470

■ 92.7567, 0.3067,
0.3206

■ 78.9814, 0.4060,
0.4647

■ 93.8475, 0.3067,
0.3223

■ 77.6060, 0.4168,
0.4786

■ 94.9487, 0.3067,
0.3241

■ 76.3659, 0.4249,
0.4880

■ 96.0604, 0.3066,
0.3258

■ 75.2445, 0.4302,
0.4931

■ 97.1825, 0.3066,
0.3275

■ 74.4142, 0.4329,
0.4945

■ 98.1424, 0.3065,
0.3290

Harmonies

Analogous

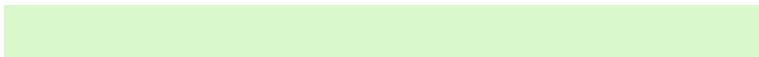
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0847, 0.3658, 0.3691



86.0847, 0.3468, 0.3803



86.0847, 0.3191, 0.3769

Triad

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



86.0847, 0.3468, 0.3803



86.0847, 0.2584, 0.3055



86.0847, 0.3337, 0.3018

Complementary

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



86.0847, 0.3468, 0.3803



56.6667, 0.2758, 0.2719

Split Complementary

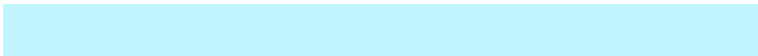
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0847, 0.3042, 0.2863



86.0847, 0.3468, 0.3803



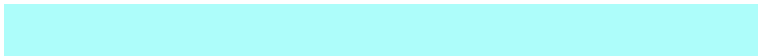
86.0847, 0.2618, 0.2874

Square

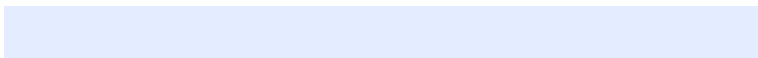
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0847, 0.3468, 0.3803



86.0847, 0.2687, 0.3317



86.0847, 0.2781, 0.2809



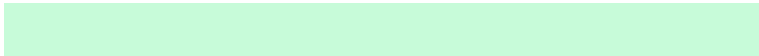
86.0847, 0.3584, 0.3239

Rectangle

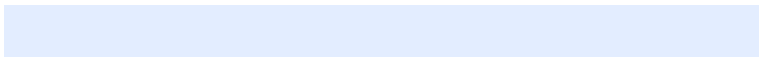
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0847, 0.3468, 0.3803



86.0847, 0.2997, 0.3661



86.0847, 0.2781, 0.2809



86.0847, 0.3240, 0.2957

Sweetspot

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



86.0885, 0.3468, 0.3803



98.0779, 0.3232, 0.3450



60.6317, 0.3540, 0.3243



20.9583, 0.3242, 0.3464



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

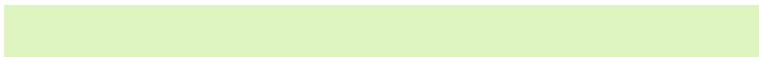
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0885, 0.3468, 0.3803



93.4038, 0.3533, 0.3899



84.6373, 0.3305, 0.3869



19.0952, 0.3270, 0.3507



40.1976, 0.4326, 0.4947



3.5935, 0.4308, 0.4961

Inverse Universe

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



56.6667, 0.2758, 0.2719



56.3710, 0.2680, 0.2598



58.0738, 0.2916, 0.2701



16.1201, 0.2979, 0.3063



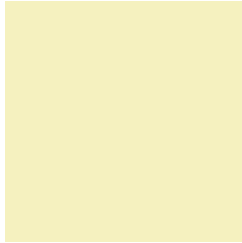
3.8533, 0.1513, 0.0646



0.4047, 0.1543, 0.0756

Previews

White Background



This preview shows how the Yxy color 86.0847, 0.3468, 0.3803 looks on a white background.

Color Contrast Check

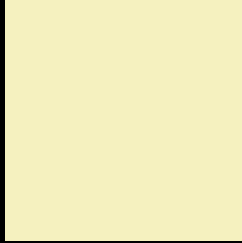
Large Text (above 18pt) WCAG AA × Fail

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 86.0847, 0.3468, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

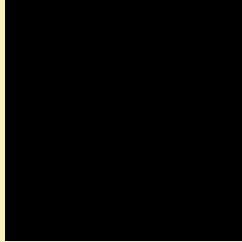
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0847, 0.3468, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 86.0847, 0.3468, 0.3803.

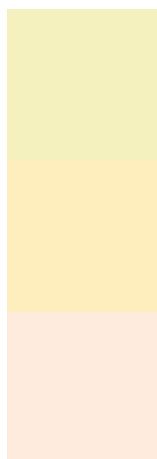


This preview shows how white text looks on a background with the Yxy color 86.0847, 0.3468, 0.3803.

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

86.0847, 0.3468, 0.3803

Protanopia

85.9376, 0.3546, 0.3774

Deuteranopia

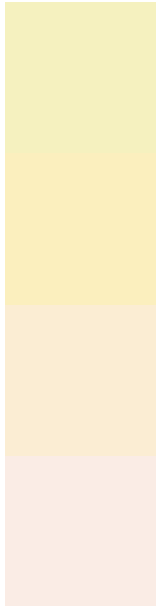
85.9506, 0.3347, 0.3420



Tritanopia

86.1255, 0.3149, 0.3115

Trichromacy



Original Color

86.0847, 0.3468, 0.3803

Protanomaly

85.9599, 0.3522, 0.3787

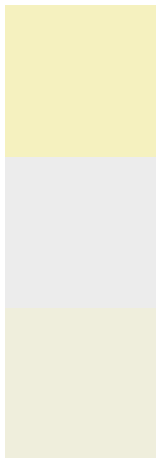
Deuteranomaly

85.7808, 0.3389, 0.3552

Tritanomaly

85.9720, 0.3266, 0.3360

Monochromacy



Original Color

86.0847, 0.3468, 0.3803

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.6671, 0.3246, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0847, 0.3468, 0.3803 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(245, 241, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 191)  
}
```

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(245, 241, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 191) }
```

Border

The CSS property to change the border of an element to Yxy 86.0847, 0.3468, 0.3803 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(245, 241, 191) }
```

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

```
.border{ border-color:rgb(245, 241, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 241, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 241, 191); box-shadow:4px 4px 4px 4px rgb(245, 241, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0847, 0.3468, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 191) }
```

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

```
.background{ background-color: rgb(245,  
241, 191) }
```

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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