

Converting Colors

$Yxy(88.0948, 0.3406, 0.3888)$

Have a look what the booklet for
Yxy(88.0948, 0.3406, 0.3888)
contains.

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Color

Yxy(88.0285, 0.3407, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	ECF7BD
RGB	236, 247, 189
RGB Percent	93%, 97%, 74%
CMY	0.0744, 0.0314, 0.2590
CMYK	0.04, 0.00, 0.23, 0.03
HSL	71°, 78%, 85%
HSV	71°, 23%, 97%
XYZ	77.0391, 88.0285, 61.0524
YIQ	237.0990, 12.0620, -20.3700

Conversions

Conversions Part 2

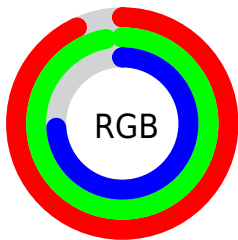
Format	Color
RYB	189, 247, 200
Decimal	15529917
CIELab	95.17, -13.01, 26.76
CIELCh	95, 29.749, 115.924
Yxy	88.0285, 0.3407, 0.3893
Android (android.graphics.Color)	4293719997 (0xFFECEF7BD)
YUV	237.0990, -23.7128, -0.9638
Hunter-Lab	93.8235, -17.6237, 27.0955

Details

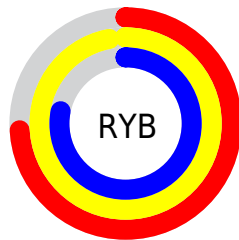
The Yxy color **88.0285, 0.3407, 0.3893** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.3670, 0.2803, 0.2640**, and the grayscale version is **84.9496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **48.7142, 0.3466, 0.4037** is the 20% darker color. If you saturate the color by 10%, you get **86.2598, 0.3523, 0.4160**, and if you desaturate by 10%, it is **90.0086, 0.3287, 0.3629**.

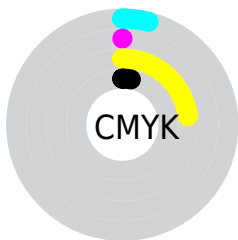
Distribution



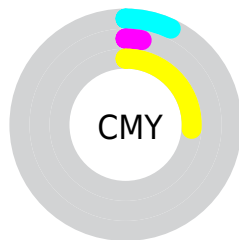
- Red (93%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)




- Cyan (7%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0285, 0.3407, 0.3893 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 88.0285, 0.3407, 0.3893 by changing the saturation by 10% instead.


 88.0285, 0.3407,
0.3893

 88.0285, 0.3407,
0.3893

521.5966, 0.3286,
0.3618

 66.3467, 0.3432,
0.3955


 144.5968, 0.3367,
0.3798

 48.5539, 0.3463,
0.4030

180.2521, 0.3351,
0.3761

 34.2657, 0.3499,
0.4125


221.3340, 0.3337,
0.3729

 23.0978, 0.3544,
0.4246

268.2270, 0.3324,
0.3701

 14.6657, 0.3599,
0.4407

321.3153, 0.3313,
0.3677

 8.5851, 0.3666,
0.4629

380.9834, 0.3303,

 4.4716, 0.3745,

0.3655

0.4951

447.6157, 0.3294,
0.3635

■ 1.9407, 0.4119,
0.5881

■ 0.5727, 0.2837,
0.7163

■ 88.0285, 0.3407,
0.3893

■ 88.0285, 0.3407,
0.3893

■ 86.2598, 0.3523,
0.4160

■ 90.0086, 0.3287,
0.3629

■ 84.6814, 0.3630,
0.4421

■ 92.1971, 0.3168,
0.3376

■ 83.2870, 0.3724,
0.4666

■ 94.0759, 0.3099,
0.3213

■ 82.0653, 0.3797,
0.4883

■ 94.9505, 0.3129,
0.3214

■ 81.0037, 0.3847,
0.5062

■ 95.0039, 0.3131,
0.3214

■ 80.0876, 0.3871,
0.5196

■ 79.2992, 0.3868,
0.5283

■ 78.8382, 0.3856,
0.5320

Harmonies

Analogous

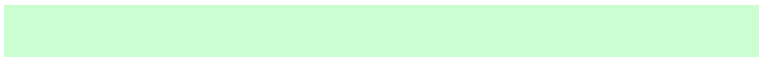
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0285, 0.3675, 0.3816



88.0285, 0.3407, 0.3893



88.0285, 0.3073, 0.3788

Triad

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



88.0285, 0.3407, 0.3893



88.0285, 0.2499, 0.2924



88.0285, 0.3488, 0.3064

Complementary

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



88.0285, 0.3407, 0.3893



55.3670, 0.2803, 0.2640

Split Complementary

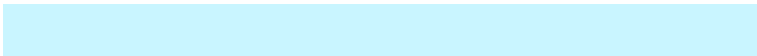
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0285, 0.3154, 0.2855



88.0285, 0.3407, 0.3893



88.0285, 0.2595, 0.2766

Square

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



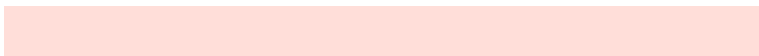
88.0285, 0.3407, 0.3893



88.0285, 0.2559, 0.3199



88.0285, 0.2829, 0.2746



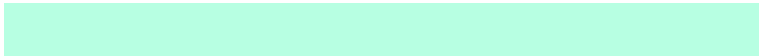
88.0285, 0.3728, 0.3333

Rectangle

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



88.0285, 0.3407, 0.3893



88.0285, 0.2859, 0.3624



88.0285, 0.2829, 0.2746



88.0285, 0.3382, 0.2985

Sweetspot

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



88.0324, 0.3407, 0.3893



98.2680, 0.3210, 0.3463



64.5725, 0.3591, 0.3404



21.0026, 0.3217, 0.3478



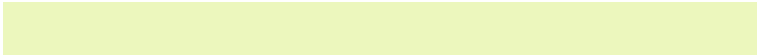
0.0000, 0.0000, 0.0000



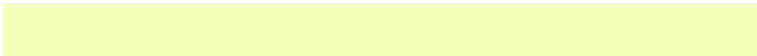
21.4041, 0.3127, 0.3290

Same Dimension

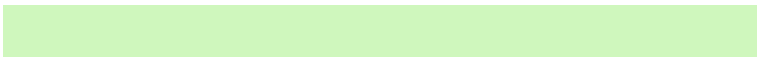
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0324, 0.3407, 0.3893



93.7504, 0.3460, 0.4015



83.5111, 0.3214, 0.3931



19.1458, 0.3239, 0.3526



41.7524, 0.3862, 0.5315



3.7095, 0.3906, 0.5281

Inverse Universe

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



55.3670, 0.2803, 0.2640



53.2207, 0.2728, 0.2496



59.6910, 0.3014, 0.2679



16.0776, 0.3009, 0.3047



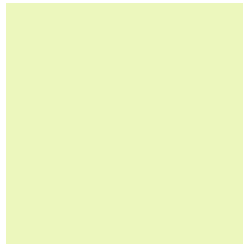
3.9130, 0.1589, 0.0649



0.3840, 0.1697, 0.0709

Previews

White Background



This preview shows how the Yxy color 88.0285, 0.3407, 0.3893 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 88.0285, 0.3407, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

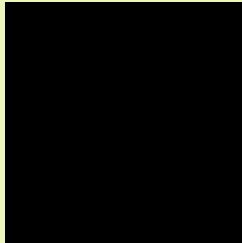
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0285, 0.3407, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 88.0285, 0.3407, 0.3893.

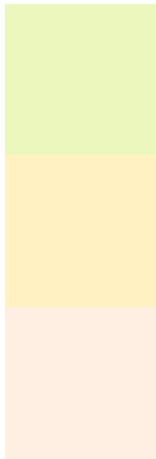


This preview shows how white text looks on a background with the Yxy color 88.0285, 0.3407, 0.3893.

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

88.0285, 0.3407, 0.3893

Protanopia

88.0656, 0.3520, 0.3760

Deuteranopia

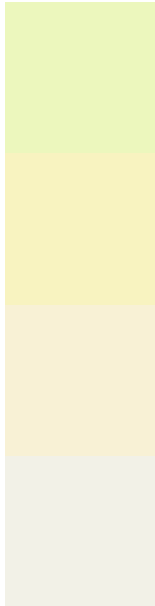
87.9001, 0.3317, 0.3409



Tritanopia

87.7815, 0.3070, 0.3123

Trichromacy



Original Color

88.0285, 0.3407, 0.3893

Protanomaly

87.8634, 0.3479, 0.3808

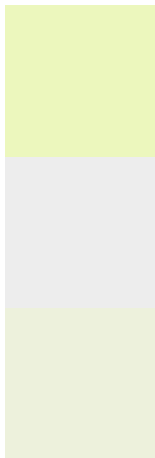
Deuteranomaly

87.6711, 0.3349, 0.3573

Tritanomaly

87.5574, 0.3195, 0.3391

Monochromacy



Original Color

88.0285, 0.3407, 0.3893

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.0824, 0.3230, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0285, 0.3407, 0.3893 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(236, 247, 189)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 189)  
}
```

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(236, 247, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 189) }
```

Border

The CSS property to change the border of an element to Yxy 88.0285, 0.3407, 0.3893 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(236, 247, 189) }
```

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

```
.border{ border-color:rgb(236, 247, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 247, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 247, 189);  
box-shadow:4px 4px 4px 4px rgb(236, 247,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0285, 0.3407, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 189) }
```

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

```
.background{ background-color: rgb(236,  
247, 189) }
```

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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