

Converting Colors

$Y_{xy}(92.9175, 0.3367, 0.3840)$

Have a look what the booklet for
Yxy(92.9175, 0.3367, 0.3840)
contains.

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Color

Yxy(92.8993, 0.3363, 0.3840)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F0FDC7 |
| RGB | 240, 253, 199 |
| RGB Percent | 94%, 99%, 78% |
| CMY | 0.0590, 0.0078, 0.2197 |
| CMYK | 0.05, 0.00, 0.21, 0.01 |
| HSL | 74°, 93%, 89% |
| HSV | 74°, 21%, 99% |
| XYZ | 81.3595, 92.8993, 67.6665 |
| YIQ | 242.9570, 9.5860, -19.5500 |

Conversions

Conversions Part 2

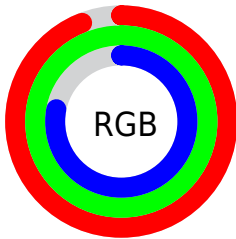
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 199, 253, 212 |
| Decimal | 15793607 |
| CIE Lab | 97.19, -13.13, 24.48 |
| CIE LCh | 97, 27.774, 118.211 |
| Yxy | 92.8993, 0.3363, 0.3840 |
| Android (android.graphics.Color) | 4293983687 (0xFFFF0FDC7) |
| YUV | 242.9570, -21.6708, -2.5933 |
| Hunter-Lab | 96.3843, -17.9979, 25.8445 |

Details

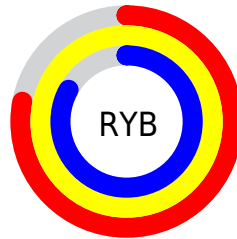
The Yxy color **92.8993, 0.3363, 0.3840** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.9357, 0.2856, 0.2708**, and the grayscale version is **89.7596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7145, 0.3412, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **90.7729, 0.3471, 0.4112**, and if you desaturate by 10%, it is **95.2653, 0.3252, 0.3575**.

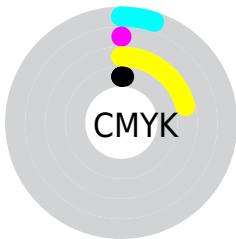
Distribution



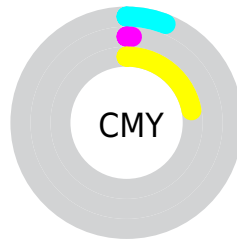
- Red (94%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8993, 0.3363, 0.3840 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 92.8993, 0.3363, 0.3840 by changing the saturation by 10% instead.

92.8993, 0.3363,
0.3840

92.8993, 0.3363,
0.3840

537.4177, 0.3262,
0.3591

70.3878, 0.3384,
0.3895

151.3592, 0.3330,
0.3755

51.8428, 0.3409,
0.3963

188.0764, 0.3316,
0.3721

36.8798, 0.3439,
0.4047

230.2976, 0.3304,
0.3692

25.1144, 0.3476,
0.4155

278.4072, 0.3294,
0.3667

16.1623, 0.3522,
0.4297

332.7896, 0.3285,
0.3645

9.6391, 0.3579,
0.4494

393.8293, 0.3276,

5.1603, 0.3647,

0.3625

0.4779

461.9105, 0.3269,
0.3607

■ 2.3416, 0.3816,
0.5359

■ 0.7956, 0.3538,
0.6462

■ 92.8993, 0.3363,
0.3840

■ 92.8993, 0.3363,
0.3840

■ 90.7729, 0.3471,
0.4112

■ 95.2653, 0.3252,
0.3575

■ 88.8637, 0.3571,
0.4382

■ 97.8680, 0.3142,
0.3323

■ 87.1652, 0.3658,
0.4640

■ 98.7409, 0.3128,
0.3271

■ 85.6654, 0.3727,
0.4874

■ 84.3510, 0.3773,
0.5073

■ 83.2069, 0.3792,
0.5228

■ 82.2149, 0.3786,
0.5335

■ 81.4558, 0.3764,
0.5393

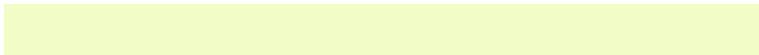
Harmonies

Analogous

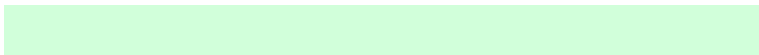
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8993, 0.3616, 0.3784



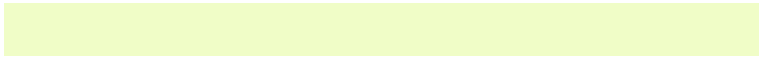
92.8993, 0.3363, 0.3840



92.8993, 0.3055, 0.3730

Triad

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



92.8993, 0.3363, 0.3840



92.8993, 0.2551, 0.2940



92.8993, 0.3479, 0.3100

Complementary

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



92.8993, 0.3363, 0.3840



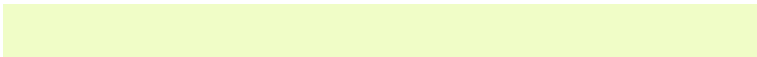
61.9357, 0.2856, 0.2708

Split Complementary

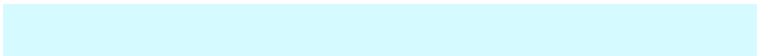
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8993, 0.3177, 0.2900



92.8993, 0.3363, 0.3840



92.8993, 0.2650, 0.2803

Square

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



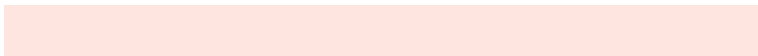
92.8993, 0.3363, 0.3840



92.8993, 0.2595, 0.3187



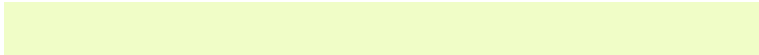
92.8993, 0.2874, 0.2792



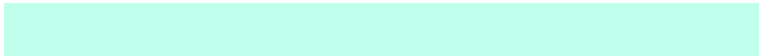
92.8993, 0.3689, 0.3351

Rectangle

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



92.8993, 0.3363, 0.3840



92.8993, 0.2861, 0.3575



92.8993, 0.2874, 0.2792



92.8993, 0.3384, 0.3026

Sweetspot

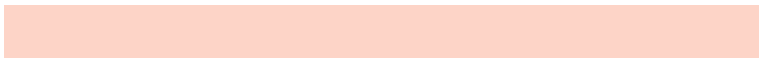
The Sweet Spot groups the original color and five complimentary colors.



92.9034, 0.3363, 0.3840



98.3594, 0.3193, 0.3438



71.8925, 0.3534, 0.3421



21.0159, 0.3200, 0.3455



0.0000, 0.0000, 0.0000



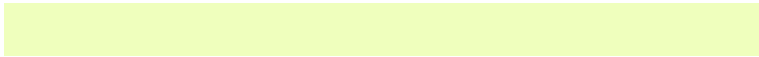
21.4041, 0.3127, 0.3290

Same Dimension

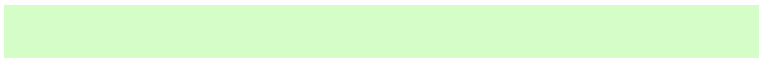
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9034, 0.3363, 0.3840



93.5298, 0.3414, 0.3966



88.5890, 0.3189, 0.3871



20.8568, 0.3232, 0.3527



43.3961, 0.3771, 0.5388



4.2757, 0.3821, 0.5348

Inverse Universe

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



61.9357, 0.2856, 0.2708



56.4245, 0.2786, 0.2565



66.2161, 0.3046, 0.2740



17.5895, 0.3016, 0.3047



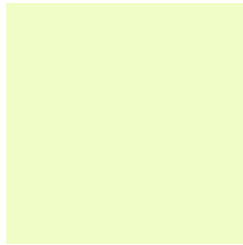
4.3578, 0.1635, 0.0674



0.4722, 0.1742, 0.0733

Previews

White Background



This preview shows how the Yxy color 92.8993, 0.3363, 0.3840 looks on a white background.

Color Contrast Check

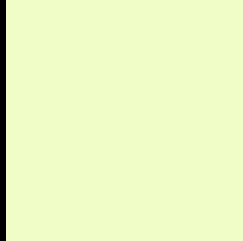
Large Text (above 18pt) WCAG AA × Fail

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 92.8993, 0.3363, 0.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

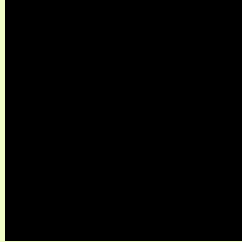
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

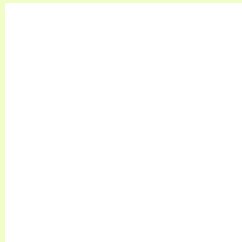
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8993, 0.3363, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 92.8993, 0.3363, 0.3840.

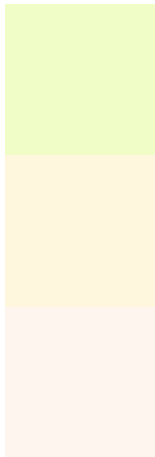


This preview shows how white text looks on a background with the Yxy color 92.8993, 0.3363, 0.3840.

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

92.8993, 0.3363, 0.3840

Protanopia

92.4455, 0.3333, 0.3526

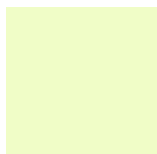
Deuteranopia

92.7968, 0.3229, 0.3349

Tritanopia

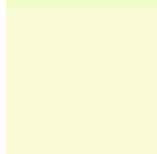
93.0880, 0.3087, 0.3203

Trichromacy



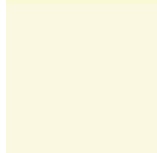
Original Color

92.8993, 0.3363, 0.3840



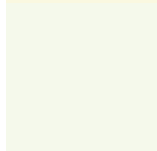
Protanomaly

92.9304, 0.3345, 0.3638



Deuteranomaly

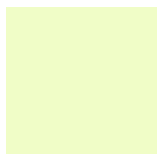
92.8406, 0.3285, 0.3528



Tritanomaly

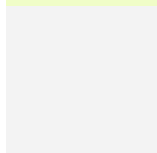
93.1620, 0.3185, 0.3429

Monochromacy



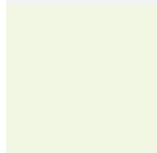
Original Color

92.8993, 0.3363, 0.3840



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.9448, 0.3215, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8993, 0.3363, 0.3840 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(240, 253, 199)` looks like.

```
.text, #text, p{  
    color:rgb(240, 253, 199)  
}
```

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(240, 253, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 253, 199) }
```

Border

The CSS property to change the border of an element to Yxy 92.8993, 0.3363, 0.3840 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(240, 253, 199) }
```

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

```
.border{ border-color:rgb(240, 253, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 253, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 253, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 253, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 253,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8993, 0.3363, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 253, 199) }
```

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

```
.background{ background-color: rgb(240,  
253, 199) }
```

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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