

Converting Colors

$Yxy(93.5372, 0.3390, 0.3934)$

Have a look what the booklet for
Yxy(93.5372, 0.3390, 0.3934)
contains.

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Color

Yxy(93.5029, 0.3388, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFC0
RGB	238, 255, 192
RGB Percent	93%, 100%, 75%
CMY	0.0665, 0.0000, 0.2469
CMYK	0.07, 0.00, 0.25, 0.00
HSL	76°, 100%, 88%
HSV	76°, 25%, 100%
XYZ	80.5461, 93.5029, 63.6904
YIQ	242.7350, 10.0910, -23.1970

Conversions

Conversions Part 2

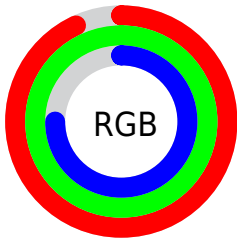
Format	Color
RYB	192, 255, 209
Decimal	15663040
CIELab	97.43, -15.77, 28.31
CIElCh	97, 32.405, 119.123
Yxy	93.5029, 0.3388, 0.3933
Android (android.graphics.Color)	4293853120 (0xFFEEFFC0)
YUV	242.7350, -25.0124, -4.1526
Hunter-Lab	96.6969, -20.5335, 28.6359

Details

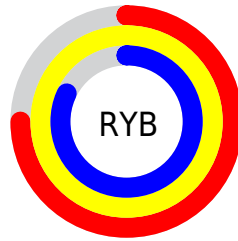
The Yxy color **93.5029, 0.3388, 0.3933** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.4881, 0.2818, 0.2608**, and the grayscale version is **89.6113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **52.1682, 0.3442, 0.4075** is the 20% darker color. If you saturate the color by 10%, you get **91.3061, 0.3489, 0.4208**, and if you desaturate by 10%, it is **95.9491, 0.3282, 0.3663**.

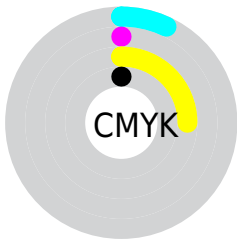
Distribution



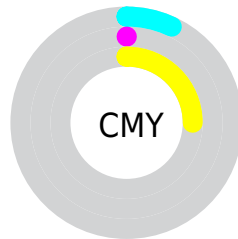
- Red (93%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5029, 0.3388, 0.3933 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 93.5029, 0.3388, 0.3933 by changing the saturation by 10% instead.


 93.5029, 0.3388,
0.3933

 93.5029, 0.3388,
0.3933


539.3610, 0.3278,
0.3642

 70.8896, 0.3411,
0.3998


 152.1947, 0.3352,
0.3833

 52.2521, 0.3437,
0.4077


189.0419, 0.3337,
0.3794

 37.2060, 0.3469,
0.4175


231.4026, 0.3324,
0.3760

 25.3671, 0.3507,
0.4301

279.6610, 0.3313,
0.3731

 16.3507, 0.3553,
0.4467

334.2017, 0.3303,
0.3704

 9.7727, 0.3607,
0.4694

395.4090, 0.3294,

 5.2485, 0.3664,

0.3681

0.5020

463.6673, 0.3285,
0.3660

■ 2.3938, 0.3898,
0.5806

■ 0.8227, 0.3255,
0.6745

■ 93.5029, 0.3388,
0.3933

■ 93.5029, 0.3388,
0.3933

■ 91.3061, 0.3489,
0.4208

■ 95.9491, 0.3282,
0.3663

■ 89.3358, 0.3580,
0.4480

■ 98.6423, 0.3176,
0.3405

■ 87.5845, 0.3657,
0.4736

99.9963, 0.3127,
0.3290

■ 86.0397, 0.3713,
0.4965

■ 84.6871, 0.3746,
0.5156

■ 83.5102, 0.3752,
0.5301

■ 82.4888, 0.3733,
0.5396

■ 81.9947, 0.3715,
0.5432

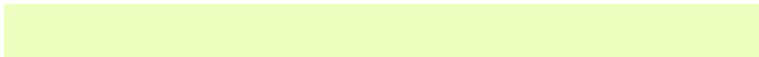
Harmonies

Analogous

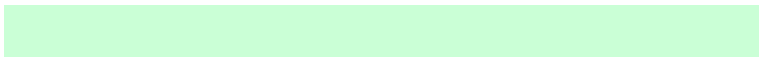
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5029, 0.3687, 0.3867



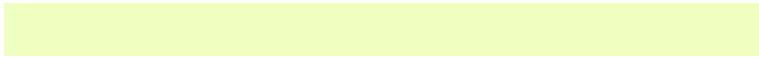
93.5029, 0.3388, 0.3933



93.5029, 0.3030, 0.3800

Triad

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



93.5029, 0.3388, 0.3933



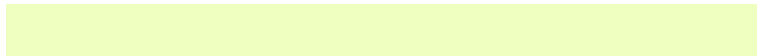
93.5029, 0.2462, 0.2874



93.5029, 0.3546, 0.3078

Complementary

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



93.5029, 0.3388, 0.3933



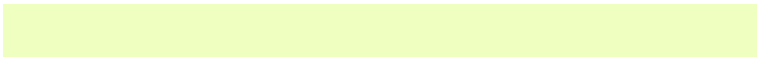
58.4881, 0.2818, 0.2608

Split Complementary

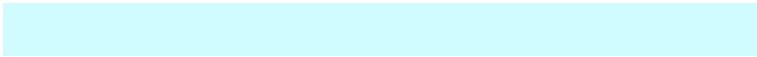
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5029, 0.3194, 0.2847



93.5029, 0.3388, 0.3933



93.5029, 0.2580, 0.2723

Square

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



93.5029, 0.3388, 0.3933



93.5029, 0.2508, 0.3156



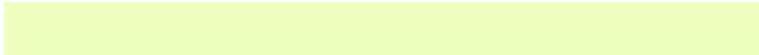
93.5029, 0.2842, 0.2718



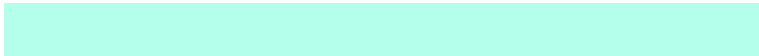
93.5029, 0.3787, 0.3365

Rectangle

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



93.5029, 0.3388, 0.3933



93.5029, 0.2807, 0.3615



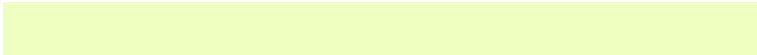
93.5029, 0.2842, 0.2718



93.5029, 0.3436, 0.2992

Sweetspot

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



93.5070, 0.3388, 0.3933



98.0027, 0.3201, 0.3464



70.5806, 0.3608, 0.3464



20.9410, 0.3207, 0.3479



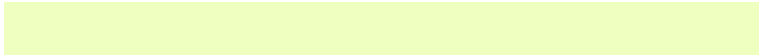
0.0000, 0.0000, 0.0000



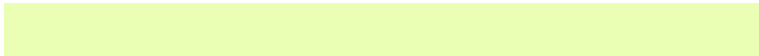
21.4041, 0.3127, 0.3290

Same Dimension

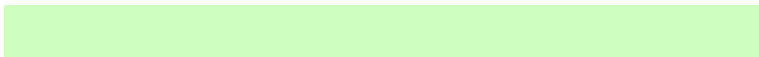
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5070, 0.3388, 0.3933



92.3139, 0.3442, 0.4079



88.5494, 0.3185, 0.3976



20.8303, 0.3227, 0.3528



42.9235, 0.3723, 0.5426



4.2331, 0.3779, 0.5382

Inverse Universe

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



58.4881, 0.2818, 0.2608



51.4165, 0.2738, 0.2442



63.5124, 0.3046, 0.2652



17.6144, 0.3021, 0.3047



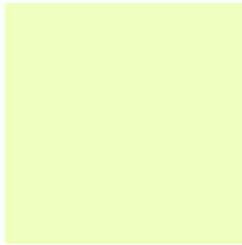
4.4898, 0.1664, 0.0690



0.4881, 0.1777, 0.0752

Previews

White Background



This preview shows how the Yxy color 93.5029, 0.3388, 0.3933 looks on a white background.

Color Contrast Check

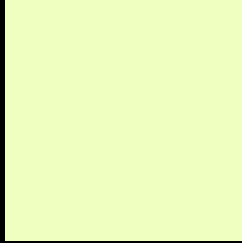
Large Text (above 18pt) WCAG AA × Fail

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 93.5029, 0.3388, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

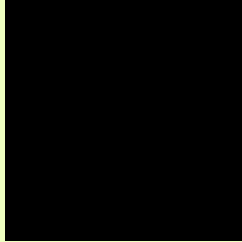
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

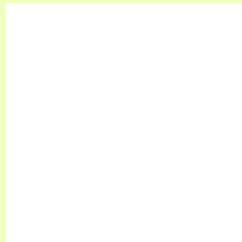
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5029, 0.3388, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 93.5029, 0.3388, 0.3933.

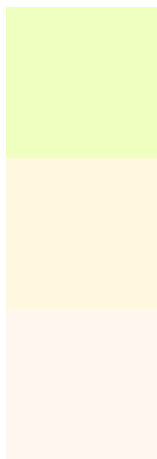


This preview shows how white text looks on a background with the Yxy color 93.5029, 0.3388, 0.3933.

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

93.5029, 0.3388, 0.3933

Protanopia

93.1633, 0.3319, 0.3516

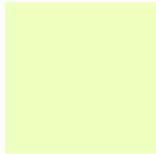
Deuteranopia

93.4628, 0.3222, 0.3348

Tritanopia

93.6980, 0.3086, 0.3212

Trichromacy



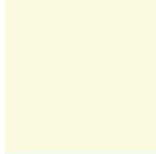
Original Color

93.5029, 0.3388, 0.3933



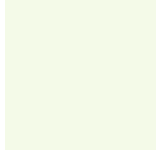
Protanomaly

93.2644, 0.3349, 0.3669



Deuteranomaly

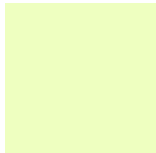
93.2188, 0.3283, 0.3548



Tritanomaly

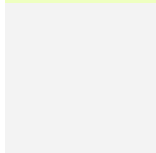
93.4305, 0.3195, 0.3469

Monochromacy



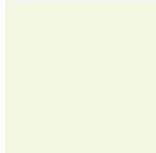
Original Color

93.5029, 0.3388, 0.3933



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6041, 0.3226, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5029, 0.3388, 0.3933 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(238, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 192)  
}
```

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(238, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 192) }
```

Border

The CSS property to change the border of an element to Yxy 93.5029, 0.3388, 0.3933 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(238, 255, 192) }
```

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

```
.border{ border-color:rgb(238, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5029, 0.3388, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 192) }
```

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

```
.background{ background-color: rgb(238,  
255, 192) }
```

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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