

Converting Colors

$Yxy(93.4385, 0.3378, 0.3924)$

Have a look what the booklet for
Yxy(93.4385, 0.3378, 0.3924)
contains.

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Color

Yxy(93.3748, 0.3375, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFC1
RGB	237, 255, 193
RGB Percent	93%, 100%, 76%
CMY	0.0707, 0.0000, 0.2429
CMYK	0.07, 0.00, 0.24, 0.00
HSL	77°, 100%, 88%
HSV	77°, 24%, 100%
XYZ	80.3109, 93.3748, 64.2725
YIQ	242.5500, 9.1740, -23.0980

Conversions

Conversions Part 2

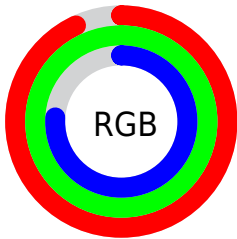
Format	Color
RYB	193, 255, 211
Decimal	15597505
CIELab	97.38, -16.01, 27.71
CIELCh	97, 32.002, 120.016
Yxy	93.3748, 0.3375, 0.3924
Android (android.graphics.Color)	4293787585 (0xFFEDFFC1)
YUV	242.5500, -24.4282, -4.8674
Hunter-Lab	96.6306, -20.7501, 28.2055

Details

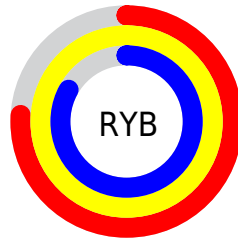
The Yxy color **93.3748, 0.3375, 0.3924** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.2431, 0.2833, 0.2622**, and the grayscale version is **89.4436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **52.0760, 0.3426, 0.4064** is the 20% darker color. If you saturate the color by 10%, you get **91.0819, 0.3472, 0.4201**, and if you desaturate by 10%, it is **95.9157, 0.3273, 0.3653**.

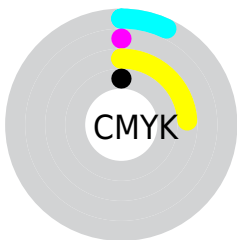
Distribution



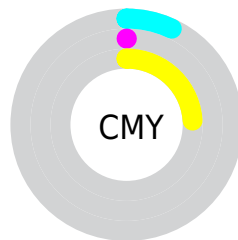
- Red (93%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3748, 0.3375, 0.3924 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 93.3748, 0.3375, 0.3924 by changing the saturation by 10% instead.

93.3748, 0.3375,
0.3924

93.3748, 0.3375,
0.3924

538.9489, 0.3270,
0.3636

70.7831, 0.3396,
0.3988

152.0174, 0.3341,
0.3826

52.1652, 0.3422,
0.4066

188.8371, 0.3327,
0.3787

37.1368, 0.3452,
0.4164

231.1682, 0.3315,
0.3753

25.3134, 0.3488,
0.4288

279.3951, 0.3304,
0.3724

16.3107, 0.3531,
0.4453

333.9022, 0.3294,
0.3698

9.7443, 0.3582,
0.4679

395.0740, 0.3285,

5.2297, 0.3636,

0.3675

0.5004

463.2947, 0.3278,
0.3655

■ 2.3827, 0.3849,
0.5769

■ 0.8170, 0.3207,
0.6793

■ 93.3748, 0.3375,
0.3924

■ 93.3748, 0.3375,
0.3924

■ 91.0819, 0.3472,
0.4201

■ 95.9157, 0.3273,
0.3653

■ 89.0278, 0.3560,
0.4476

■ 98.7161, 0.3171,
0.3396

■ 87.2005, 0.3634,
0.4737

100.0000, 0.3127,
0.3290

■ 85.5872, 0.3687,
0.4972

■ 84.1736, 0.3717,
0.5169

■ 82.9432, 0.3720,
0.5320

■ 81.8757, 0.3699,
0.5421

■ 81.3236, 0.3679,
0.5461

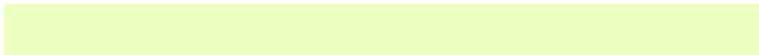
Harmonies

Analogous

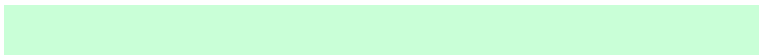
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3748, 0.3673, 0.3865



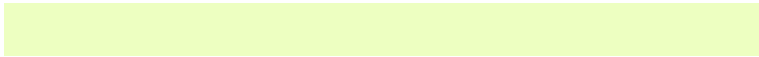
93.3748, 0.3375, 0.3924



93.3748, 0.3021, 0.3787

Triad

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



93.3748, 0.3375, 0.3924



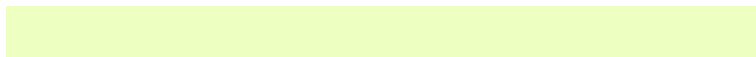
93.3748, 0.2471, 0.2873



93.3748, 0.3550, 0.3088

Complementary

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



93.3748, 0.3375, 0.3924



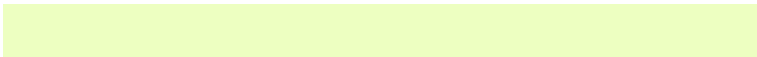
59.2431, 0.2833, 0.2622

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.



93.3748, 0.3204, 0.2857



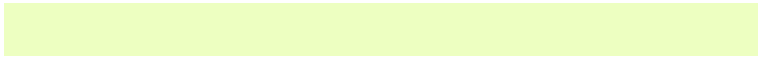
93.3748, 0.3375, 0.3924



93.3748, 0.2592, 0.2727

Square

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



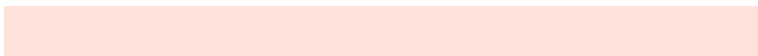
93.3748, 0.3375, 0.3924



93.3748, 0.2511, 0.3148



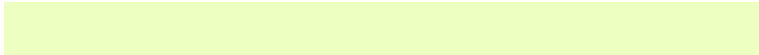
93.3748, 0.2855, 0.2727



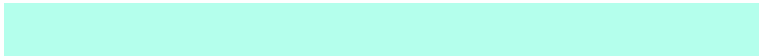
93.3748, 0.3784, 0.3374

Rectangle

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



93.3748, 0.3375, 0.3924



93.3748, 0.2802, 0.3601



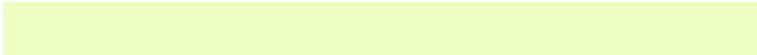
93.3748, 0.2855, 0.2727



93.3748, 0.3442, 0.3002

Sweetspot

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



93.3742, 0.3375, 0.3924



97.9318, 0.3198, 0.3464



71.5053, 0.3596, 0.3472



20.9246, 0.3204, 0.3479



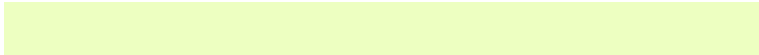
0.0000, 0.0000, 0.0000



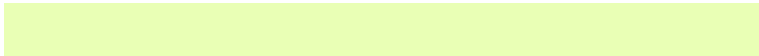
21.4041, 0.3127, 0.3290

Same Dimension

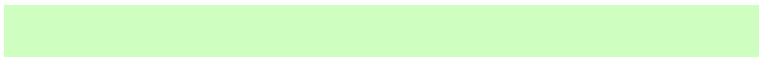
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3742, 0.3375, 0.3924



92.2647, 0.3422, 0.4054



88.5626, 0.3177, 0.3965



20.8099, 0.3224, 0.3528



42.5736, 0.3687, 0.5455



4.2013, 0.3746, 0.5407

Inverse Universe

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



59.2431, 0.2833, 0.2622



52.9227, 0.2765, 0.2476



64.1864, 0.3055, 0.2664



17.6336, 0.3024, 0.3047



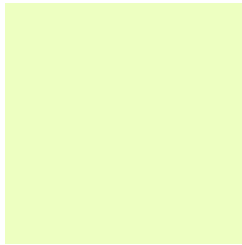
4.6026, 0.1689, 0.0704



0.5012, 0.1805, 0.0768

Previews

White Background



This preview shows how the Yxy color 93.3748, 0.3375, 0.3924 looks on a white background.

Color Contrast Check

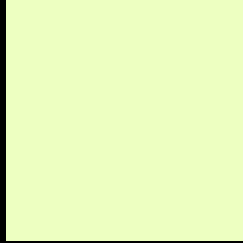
Large Text (above 18pt) WCAG AA × Fail

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 93.3748, 0.3375, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

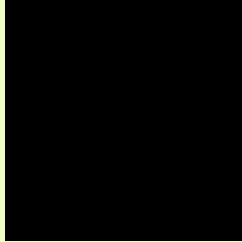
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

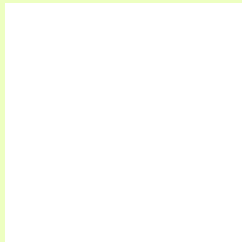
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3748, 0.3375, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 93.3748, 0.3375, 0.3924.

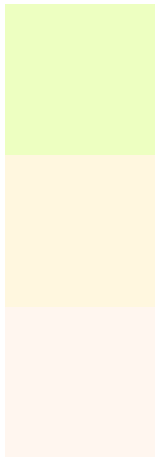


This preview shows how white text looks on a background with the Yxy color 93.3748, 0.3375, 0.3924.

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

93.3748, 0.3375, 0.3924

Protanopia

93.1092, 0.3325, 0.3526

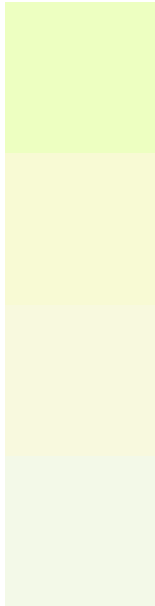
Deuteranopia

93.4035, 0.3228, 0.3358

Tritanopia

92.9057, 0.3080, 0.3203

Trichromacy



Original Color

93.3748, 0.3375, 0.3924

Protanomaly

93.0811, 0.3342, 0.3670

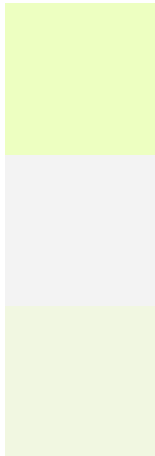
Deuteranomaly

92.9817, 0.3283, 0.3559

Tritanomaly

92.6322, 0.3190, 0.3460

Monochromacy



Original Color

93.3748, 0.3375, 0.3924

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6585, 0.3220, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3748, 0.3375, 0.3924 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(237, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 193)  
}
```

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(237, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 193) }
```

Border

The CSS property to change the border of an element to Yxy 93.3748, 0.3375, 0.3924 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(237, 255, 193) }
```

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

```
.border{ border-color:rgb(237, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3748, 0.3375, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 193) }
```

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

```
.background{ background-color: rgb(237,  
255, 193) }
```

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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