

Converting Colors

$Yxy(93.6542, 0.3322, 0.3837)$

Have a look what the booklet for
Yxy(93.6542, 0.3322, 0.3837)
contains.

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Color

Yxy(93.5699, 0.3322, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFC9
RGB	236, 255, 201
RGB Percent	93%, 100%, 79%
CMY	0.0744, 0.0000, 0.2117
CMYK	0.07, 0.00, 0.21, 0.00
HSL	81°, 100%, 89%
HSV	81°, 21%, 100%
XYZ	80.9056, 93.5699, 69.0693
YIQ	243.1630, 6.0100, -20.8220

Conversions

Conversions Part 2

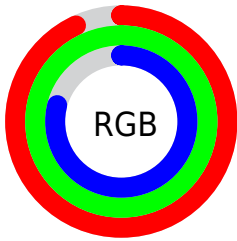
Format	Color
RYP	201, 255, 220
Decimal	15531977
CIELab	97.46, -15.18, 23.77
CIELCh	97, 28.208, 122.569
Yxy	93.5699, 0.3322, 0.3842
Android (android.graphics.Color)	4293722057 (0xFFEFCFC9)
YUV	243.1630, -20.7864, -6.2820
Hunter-Lab	96.7315, -19.9841, 25.3772

Details

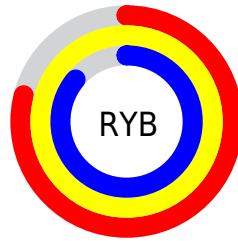
The Yxy color **93.5699, 0.3322, 0.3842** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.2180, 0.2900, 0.2720**, and the grayscale version is **89.9374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1980, 0.3359, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **90.9762, 0.3410, 0.4123**, and if you desaturate by 10%, it is **96.4479, 0.3230, 0.3572**.

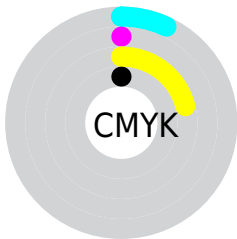
Distribution



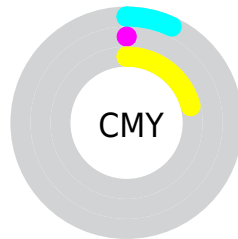
- Red (93%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.5699, 0.3322, 0.3842 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 93.5699, 0.3322, 0.3842 by changing the saturation by 10% instead.

 93.5699, 0.3322,
0.3842

 93.5699, 0.3322,
0.3842


539.5765, 0.3240,
0.3592

 70.9453, 0.3339,
0.3898


152.2874, 0.3295,
0.3756

 52.2975, 0.3359,
0.3966


189.1490, 0.3284,
0.3723

 37.2423, 0.3383,
0.4051

231.5251, 0.3274,
0.3694

 25.3951, 0.3412,
0.4160

279.8001, 0.3266,
0.3668

 16.3717, 0.3447,
0.4305

334.3583, 0.3258,
0.3646

 9.7876, 0.3490,
0.4505

395.5842, 0.3251,

 5.2583, 0.3539,

0.3626

0.4798

463.8621, 0.3245,
0.3608

■ 2.3996, 0.3650,
0.5362

■ 0.8257, 0.3340,
0.6660

■ 93.5699, 0.3322,
0.3842

■ 93.5699, 0.3322,
0.3842

■ 90.9762, 0.3410,
0.4123

■ 96.4479, 0.3230,
0.3572

■ 88.6436, 0.3491,
0.4407

■ 99.6082, 0.3138,
0.3318

■ 86.5644, 0.3559,
0.4684

■ 99.9967, 0.3127,
0.3290

■ 84.7258, 0.3608,
0.4940

■ 83.1133, 0.3635,
0.5163

■ 81.7108, 0.3637,
0.5341

■ 80.4989, 0.3614,
0.5467

■ 79.5610, 0.3577,
0.5541

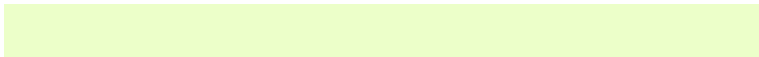
Harmonies

Analogous

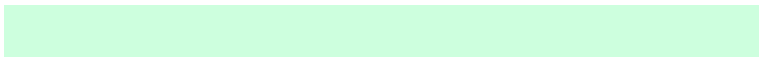
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5699, 0.3592, 0.3808



93.5699, 0.3322, 0.3842



93.5699, 0.3009, 0.3707

Triad

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



93.5699, 0.3322, 0.3842



93.5699, 0.2549, 0.2907



93.5699, 0.3522, 0.3133

Complementary

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



93.5699, 0.3322, 0.3842



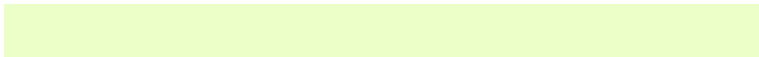
64.2180, 0.2900, 0.2720

Split Complementary

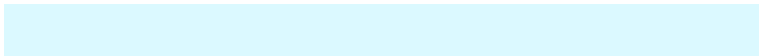
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5699, 0.3224, 0.2920



93.5699, 0.3322, 0.3842



93.5699, 0.2669, 0.2787

Square

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



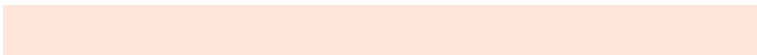
93.5699, 0.3322, 0.3842



93.5699, 0.2573, 0.3144



93.5699, 0.2912, 0.2795



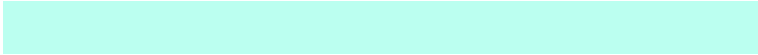
93.5699, 0.3715, 0.3389

Rectangle

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



93.5699, 0.3322, 0.3842



93.5699, 0.2819, 0.3539



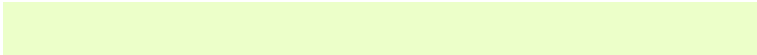
93.5699, 0.2912, 0.2795



93.5699, 0.3430, 0.3054

Sweetspot

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



93.5740, 0.3322, 0.3842



98.0483, 0.3182, 0.3439



76.6189, 0.3517, 0.3483



20.9423, 0.3188, 0.3455



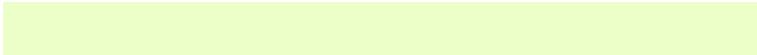
0.0000, 0.0000, 0.0000



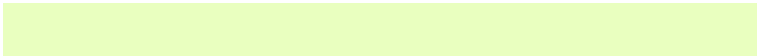
21.4041, 0.3127, 0.3290

Same Dimension

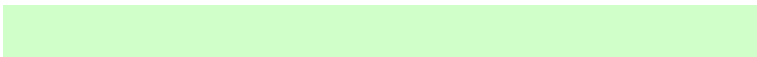
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5740, 0.3322, 0.3842



92.5499, 0.3357, 0.3949



89.3079, 0.3149, 0.3872



20.7528, 0.3215, 0.3529



41.6608, 0.3587, 0.5534



4.1174, 0.3657, 0.5479

Inverse Universe

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



64.2180, 0.2900, 0.2720



58.8334, 0.2851, 0.2606



68.7607, 0.3093, 0.2752



17.6881, 0.3034, 0.3048



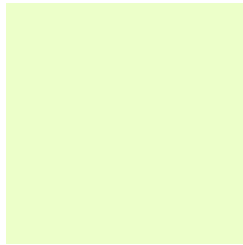
4.9724, 0.1768, 0.0748



0.5424, 0.1891, 0.0815

Previews

White Background



This preview shows how the Yxy color 93.5699, 0.3322, 0.3842 looks on a white background.

Color Contrast Check

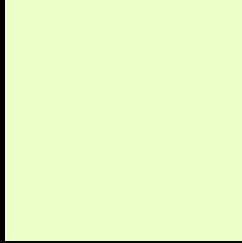
Large Text (above 18pt) WCAG AA × Fail

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 93.5699, 0.3322, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

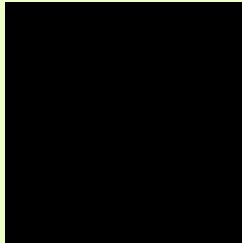
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

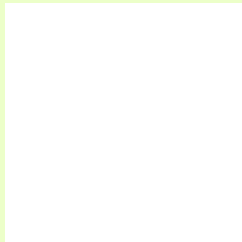
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5699, 0.3322, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 93.5699, 0.3322, 0.3842.

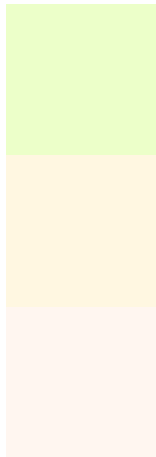


This preview shows how white text looks on a background with the Yxy color 93.5699, 0.3322, 0.3842.

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

93.5699, 0.3322, 0.3842

Protanopia

93.2178, 0.3313, 0.3506

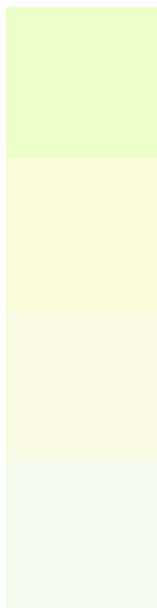
Deuteranopia

93.4628, 0.3222, 0.3348

Tritanopia

93.5157, 0.3080, 0.3212

Trichromacy



Original Color

93.5699, 0.3322, 0.3842

Protanomaly

93.2855, 0.3318, 0.3629

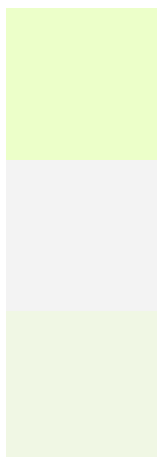
Deuteranomaly

93.1988, 0.3258, 0.3518

Tritanomaly

93.4241, 0.3171, 0.3439

Monochromacy



Original Color

93.5699, 0.3322, 0.3842

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6482, 0.3196, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5699, 0.3322, 0.3842 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, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 201)  
}
```

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, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 93.5699, 0.3322, 0.3842 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, 255, 201) }
```

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

```
.border{ border-color:rgb(236, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5699, 0.3322, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 201) }
```

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

```
.background{ background-color: rgb(236,  
255, 201) }
```

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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