

Converting Colors

$Yxy(93.2573, 0.3349, 0.3897)$

Have a look what the booklet for
Yxy(93.2573, 0.3349, 0.3897)
contains.

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Color

Yxy(93.3384, 0.3351, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFC4
RGB	236, 255, 196
RGB Percent	93%, 100%, 77%
CMY	0.0747, 0.0000, 0.2314
CMYK	0.07, 0.00, 0.23, 0.00
HSL	79°, 100%, 88%
HSV	79°, 23%, 100%
XYZ	80.3022, 93.3384, 65.9959
YIQ	242.5930, 7.6150, -22.3770

Conversions

Conversions Part 2

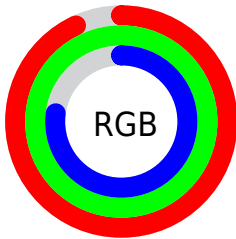
Format	Color
RYB	196, 255, 215
Decimal	15531972
CIELab	97.36, -15.96, 26.20
CIELCh	97, 30.678, 121.353
Yxy	93.3384, 0.3351, 0.3895
Android (android.graphics.Color)	4293722052 (0xFFEFCFC4)
YUV	242.5930, -22.9703, -5.7821
Hunter-Lab	96.6118, -20.7043, 27.1270

Details

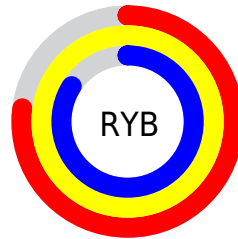
The Yxy color **93.3384, 0.3351, 0.3895** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.1429, 0.2863, 0.2660**, and the grayscale version is **89.4545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **52.0445, 0.3396, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **90.8893, 0.3443, 0.4175**, and if you desaturate by 10%, it is **96.0319, 0.3254, 0.3624**.

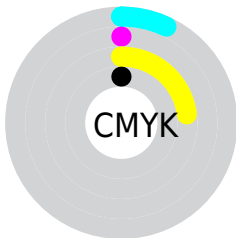
Distribution



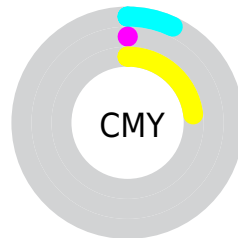
- Red (93%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3384, 0.3351, 0.3895 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 93.3384, 0.3351, 0.3895 by changing the saturation by 10% instead.


 93.3384, 0.3351,
0.3895

 93.3384, 0.3351,
0.3895


538.8318, 0.3257,
0.3621

 70.7528, 0.3370,
0.3956


151.9670, 0.3320,
0.3801

 52.1405, 0.3393,
0.4031

188.7789, 0.3307,
0.3764

 37.1171, 0.3420,
0.4124


231.1015, 0.3296,
0.3732

 25.2981, 0.3453,
0.4244

279.3195, 0.3287,
0.3704

 16.2993, 0.3492,
0.4402

333.8171, 0.3278,
0.3680

 9.7362, 0.3539,
0.4620

394.9787, 0.3270,

 5.2244, 0.3590,

0.3658

0.4937

463.1888, 0.3263,
0.3638

■ 2.3795, 0.3757,
0.5625

■ 0.8153, 0.3209,
0.6791

■ 93.3384, 0.3351,
0.3895

■ 93.3384, 0.3351,
0.3895

■ 90.8893, 0.3443,
0.4175

■ 96.0319, 0.3254,
0.3624

■ 88.7005, 0.3527,
0.4454

■ 99.0067, 0.3157,
0.3367

■ 86.7514, 0.3596,
0.4723

100.0000, 0.3127,
0.3290

■ 85.0291, 0.3647,
0.4968

■ 83.5193, 0.3674,
0.5177

■ 82.2055, 0.3675,
0.5339

■ 81.0678, 0.3652,
0.5451

■ 80.3704, 0.3625,
0.5504

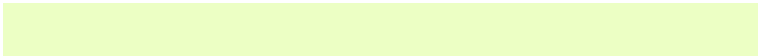
Harmonies

Analogous

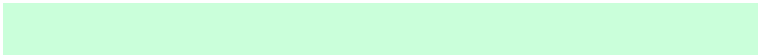
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3384, 0.3641, 0.3848



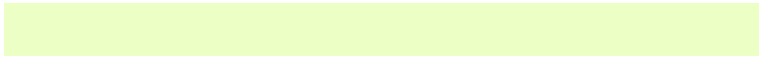
93.3384, 0.3351, 0.3895



93.3384, 0.3011, 0.3755

Triad

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



93.3384, 0.3351, 0.3895



93.3384, 0.2499, 0.2881



93.3384, 0.3546, 0.3108

Complementary

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



93.3384, 0.3351, 0.3895



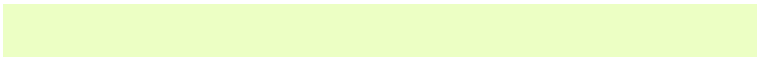
61.1429, 0.2863, 0.2660

Split Complementary

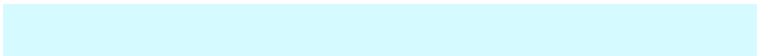
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3384, 0.3217, 0.2882



93.3384, 0.3351, 0.3895



93.3384, 0.2622, 0.2747

Square

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



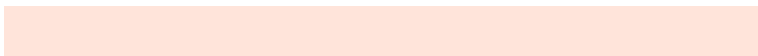
93.3384, 0.3351, 0.3895



93.3384, 0.2531, 0.3141



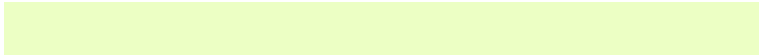
93.3384, 0.2880, 0.2751



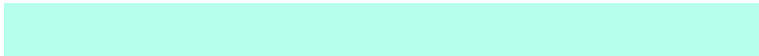
93.3384, 0.3762, 0.3384

Rectangle

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



93.3384, 0.3351, 0.3895



93.3384, 0.2803, 0.3574



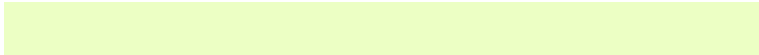
93.3384, 0.2880, 0.2751



93.3384, 0.3444, 0.3024

Sweetspot

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



93.3295, 0.3351, 0.3895



97.8269, 0.3195, 0.3464



73.6780, 0.3565, 0.3483



20.9003, 0.3201, 0.3479



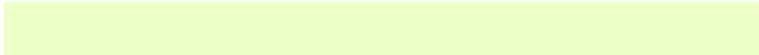
0.0000, 0.0000, 0.0000



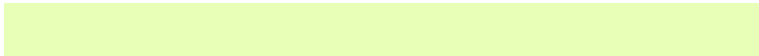
21.4041, 0.3127, 0.3290

Same Dimension

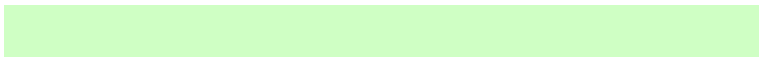
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3295, 0.3351, 0.3895



92.1125, 0.3397, 0.4030



88.7415, 0.3163, 0.3932



20.7797, 0.3219, 0.3528



42.0793, 0.3634, 0.5497



4.1561, 0.3699, 0.5445

Inverse Universe

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



61.1429, 0.2863, 0.2660



54.5491, 0.2796, 0.2511



65.9568, 0.3074, 0.2698



17.6623, 0.3029, 0.3048



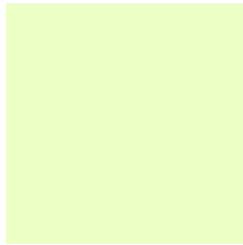
4.7878, 0.1729, 0.0726



0.5221, 0.1849, 0.0792

Previews

White Background



This preview shows how the Yxy color 93.3384, 0.3351, 0.3895 looks on a white background.

Color Contrast Check

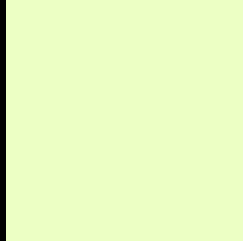
Large Text (above 18pt) WCAG AA × Fail

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 93.3384, 0.3351, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

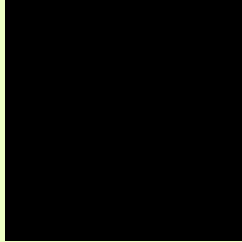
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

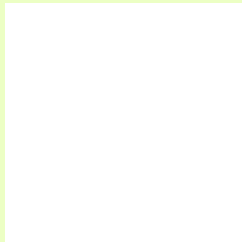
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3384, 0.3351, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 93.3384, 0.3351, 0.3895.

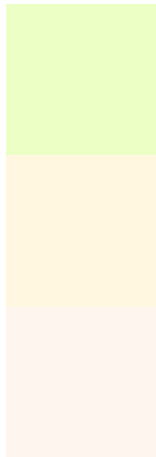


This preview shows how white text looks on a background with the Yxy color 93.3384, 0.3351, 0.3895.

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

93.3384, 0.3351, 0.3895

Protanopia

93.1092, 0.3325, 0.3526

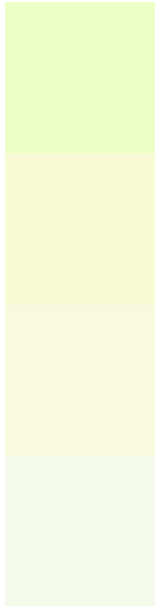
Deuteranopia

92.7968, 0.3229, 0.3349

Tritanopia

93.5157, 0.3080, 0.3212

Trichromacy



Original Color

93.3384, 0.3351, 0.3895

Protanomaly

93.1318, 0.3336, 0.3660

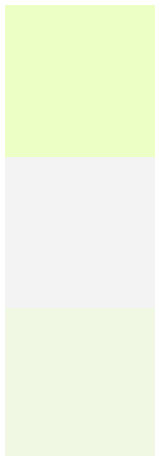
Deuteranomaly

93.0355, 0.3277, 0.3548

Tritanomaly

93.3664, 0.3177, 0.3449

Monochromacy



Original Color

93.3384, 0.3351, 0.3895

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5378, 0.3208, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3384, 0.3351, 0.3895 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 93.3384, 0.3351, 0.3895 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, 196) }
```

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

```
.border{ border-color:rgb(236, 255, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3384, 0.3351, 0.3895 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, 196) }
```

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

```
.background{ background-color: rgb(236,  
255, 196) }
```

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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