

Converting Colors

$Y_{xy}(100.0000, 0.3272, 0.3807)$

Have a look what the booklet for
Yxy(100.0000, 0.3272, 0.3807)
contains.

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Color

Yxy(94.5739, 0.3283, 0.3735)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFD3
RGB	239, 255, 211
RGB Percent	94%, 100%, 83%
CMY	0.0625, 0.0000, 0.1725
CMYK	0.06, 0.00, 0.17, 0.00
HSL	82°, 100%, 91%
HSV	82°, 17%, 100%
XYZ	83.1288, 94.5739, 75.5072
YIQ	245.2000, 4.5880, -17.0760

Conversions

Conversions Part 2

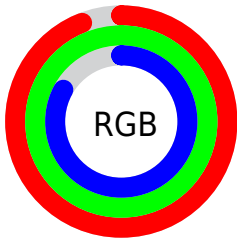
Format	Color
R _Y B	211, 255, 227
Decimal	15728595
CIE Lab	97.86, -12.63, 19.29
CIE LCh	98, 23.053, 123.210
Yxy	94.5739, 0.3283, 0.3735
Android (android.graphics.Color)	4293918675 (0xFFEFFFFD3)
YUV	245.2000, -16.8606, -5.4374
Hunter-Lab	97.2491, -17.6037, 22.0398

Details

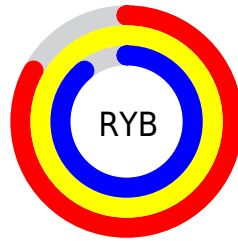
The Yxy color **94.5739, 0.3283, 0.3735** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.1358, 0.2951, 0.2835**, and the grayscale version is **91.6250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8557, 0.3318, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **91.8309, 0.3371, 0.4013**, and if you desaturate by 10%, it is **97.6102, 0.3192, 0.3471**.

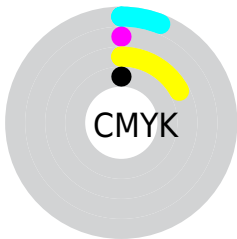
Distribution



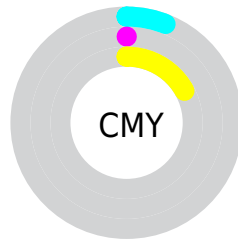
- Red (94%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5739, 0.3283, 0.3735 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 94.5739, 0.3283, 0.3735 by changing the saturation by 10% instead.


 94.5739, 0.3283,
0.3735

 94.5739, 0.3283,
0.3735


542.8000, 0.3217,
0.3534

 71.7804, 0.3297,
0.3780


153.6758, 0.3261,
0.3666

 52.9793, 0.3313,
0.3834

190.7530, 0.3252,
0.3639

 37.7862, 0.3333,
0.3902


233.3602, 0.3244,
0.3616

 25.8168, 0.3358,
0.3989

281.8817, 0.3238,
0.3596

 16.6867, 0.3388,
0.4104

336.7021, 0.3231,
0.3578

 10.0113, 0.3427,
0.4264

398.2057, 0.3226,

 5.4065, 0.3476,

0.3562

0.4499

466.7768, 0.3221,
0.3547

■ 2.4877, 0.3538,
0.4883

■ 0.8705, 0.3736,
0.6264

■ 94.5739, 0.3283,
0.3735

■ 94.5739, 0.3283,
0.3735

■ 91.8309, 0.3371,
0.4013

■ 97.6102, 0.3192,
0.3471

■ 89.3582, 0.3454,
0.4299

99.9941, 0.3127,
0.3290

■ 87.1482, 0.3525,
0.4581

■ 85.1884, 0.3580,
0.4849

■ 83.4652, 0.3615,
0.5088

■ 81.9628, 0.3625,
0.5287

■ 80.6632, 0.3610,
0.5436

■ 79.5435, 0.3572,
0.5534

■ 79.2578, 0.3559,
0.5556

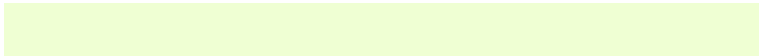
Harmonies

Analogous

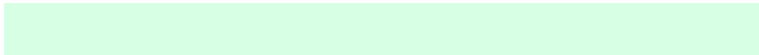
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5739, 0.3503, 0.3715



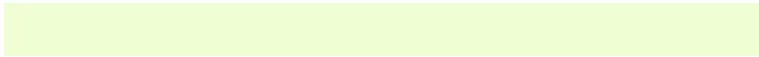
94.5739, 0.3283, 0.3735



94.5739, 0.3028, 0.3622

Triad

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



94.5739, 0.3283, 0.3735



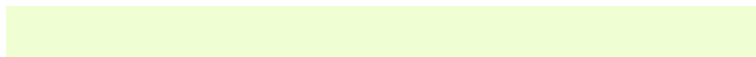
94.5739, 0.2653, 0.2976



94.5739, 0.3453, 0.3167

Complementary

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



94.5739, 0.3283, 0.3735



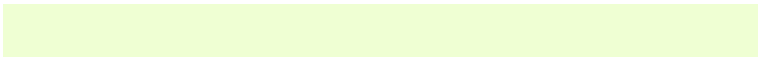
70.1358, 0.2951, 0.2835

Split Complementary

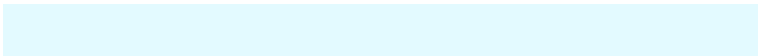
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5739, 0.3213, 0.2989



94.5739, 0.3283, 0.3735



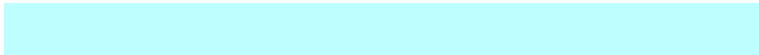
94.5739, 0.2756, 0.2876

Square

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



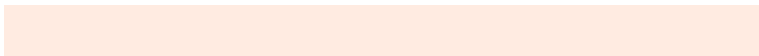
94.5739, 0.3283, 0.3735



94.5739, 0.2671, 0.3169



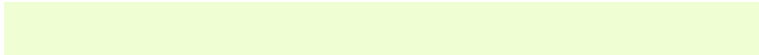
94.5739, 0.2958, 0.2883



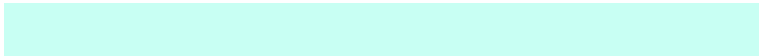
94.5739, 0.3606, 0.3380

Rectangle

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



94.5739, 0.3283, 0.3735



94.5739, 0.2872, 0.3487



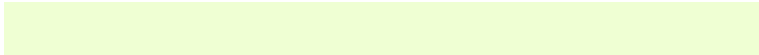
94.5739, 0.2958, 0.2883



94.5739, 0.3380, 0.3101

Sweetspot

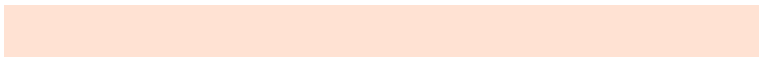
The Sweet Spot groups the original color and five complimentary colors.



94.5780, 0.3283, 0.3735



98.3401, 0.3172, 0.3413



80.5747, 0.3434, 0.3446



21.0002, 0.3178, 0.3431



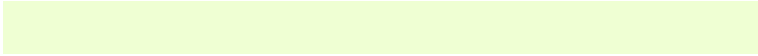
0.0000, 0.0000, 0.0000



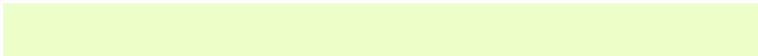
21.4041, 0.3127, 0.3290

Same Dimension

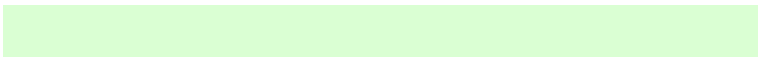
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5780, 0.3283, 0.3735



93.5220, 0.3317, 0.3838



91.0629, 0.3146, 0.3754



20.7424, 0.3213, 0.3529



41.5046, 0.3569, 0.5548



4.1029, 0.3640, 0.5492

Inverse Universe

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



70.1358, 0.2951, 0.2835



64.5527, 0.2906, 0.2726



73.8420, 0.3100, 0.2855



17.6981, 0.3036, 0.3048



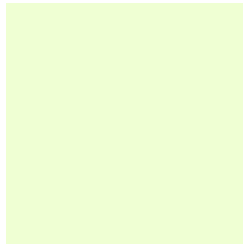
5.0488, 0.1784, 0.0757



0.5507, 0.1908, 0.0825

Previews

White Background



This preview shows how the Yxy color 94.5739, 0.3283, 0.3735 looks on a white background.

Color Contrast Check

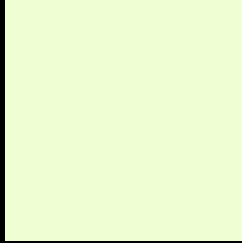
Large Text (above 18pt) WCAG AA × Fail

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 94.5739, 0.3283, 0.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

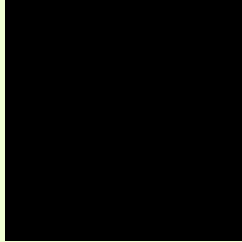
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

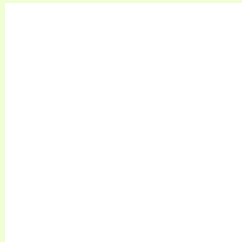
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5739, 0.3283, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 94.5739, 0.3283, 0.3735.

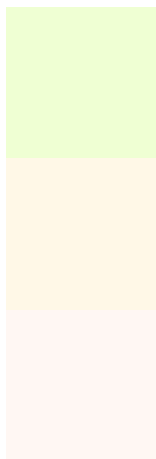


This preview shows how white text looks on a background with the Yxy color 94.5739, 0.3283, 0.3735.

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

94.5739, 0.3283, 0.3735

Protanopia

94.1643, 0.3275, 0.3456

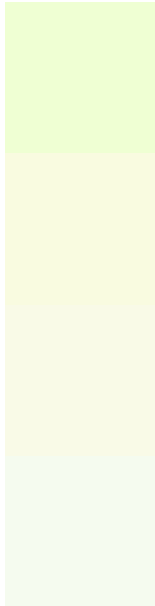
Deuteranopia

94.2526, 0.3203, 0.3329

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.5739, 0.3283, 0.3735

Protanomaly

94.5159, 0.3275, 0.3557

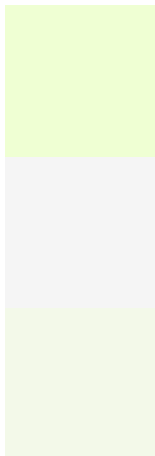
Deuteranomaly

94.2805, 0.3234, 0.3477

Tritanomaly

94.6388, 0.3160, 0.3408

Monochromacy



Original Color

94.5739, 0.3283, 0.3735

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.6892, 0.3184, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5739, 0.3283, 0.3735 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(239, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 211)  
}
```

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(239, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 94.5739, 0.3283, 0.3735 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(239, 255, 211) }
```

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

```
.border{ border-color:rgb(239, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5739, 0.3283, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 211) }
```

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

```
.background{ background-color: rgb(239,  
255, 211) }
```

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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