

Converting Colors

$Yxy(94.9301, 0.3232, 0.3650)$

Have a look what the booklet for
Yxy(94.9301, 0.3232, 0.3650)
contains.

Yxy(94.9852, 0.3236, 0.3653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.9852, 0.3236, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFD8
RGB	239, 255, 219
RGB Percent	94%, 100%, 86%
CMY	0.0627, 0.0000, 0.1413
CMYK	0.06, 0.00, 0.14, 0.00
HSL	87°, 100%, 93%
HSV	87°, 14%, 100%
XYZ	84.1424, 94.9852, 80.8921
YIQ	246.1120, 2.0200, -14.5880

Conversions

Conversions Part 2

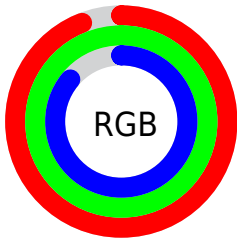
Format	Color
R _Y B	219, 255, 235
Decimal	15728603
CIE Lab	98.03, -11.40, 15.46
CIE LCh	98, 19.210, 126.408
Yxy	94.9852, 0.3236, 0.3653
Android (android.graphics.Color)	4293918683 (0xFFEFFFDB)
YUV	246.1120, -13.3662, -6.2372
Hunter-Lab	97.4604, -16.4477, 19.0115

Details

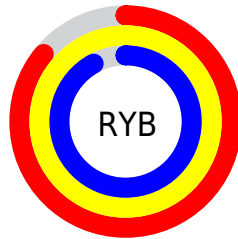
The Yxy color **94.9852, 0.3236, 0.3653** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.5191, 0.3006, 0.2924**, and the grayscale version is **92.3630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1358, 0.3258, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **91.8364, 0.3311, 0.3932**, and if you desaturate by 10%, it is **98.4644, 0.3159, 0.3392**.

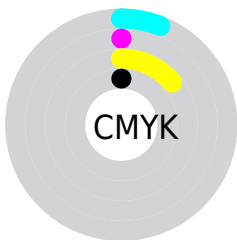
Distribution



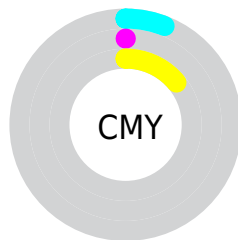
- Red (94%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9852, 0.3236, 0.3653 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 94.9852, 0.3236, 0.3653 by changing the saturation by 10% instead.


 94.9852, 0.3236,
0.3653

 94.9852, 0.3236,
0.3653

544.1176, 0.3190,
0.3490

 72.1227, 0.3246,
0.3689


154.2442, 0.3221,
0.3597

 53.2589, 0.3257,
0.3733


191.4094, 0.3214,
0.3575

 38.0095, 0.3271,
0.3788


234.1109, 0.3209,
0.3556

 25.9900, 0.3289,
0.3859

282.7332, 0.3204,
0.3540

 16.8162, 0.3310,
0.3953

337.6606, 0.3200,
0.3525

 10.1035, 0.3338,
0.4083

399.2776, 0.3196,

 5.4677, 0.3374,

0.3512

0.4275

467.9684, 0.3193,
0.3500

■ 2.5242, 0.3419,
0.4586

■ 0.8887, 0.3892,
0.6108

■ 94.9852, 0.3236,
0.3653

■ 94.9852, 0.3236,
0.3653

■ 91.8364, 0.3311,
0.3932

■ 98.4644, 0.3159,
0.3392

■ 89.0043, 0.3382,
0.4224

100.0000, 0.3127,
0.3290

■ 86.4772, 0.3443,
0.4519

■ 84.2419, 0.3490,
0.4807

■ 82.2838, 0.3518,
0.5072

■ 80.5867, 0.3523,
0.5301

■ 79.1324, 0.3505,
0.5480

■ 77.8986, 0.3464,
0.5604

■ 77.2600, 0.3433,
0.5656

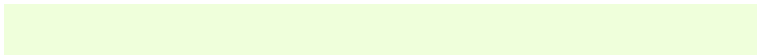
Harmonies

Analogous

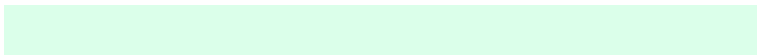
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9852, 0.3424, 0.3650



94.9852, 0.3236, 0.3653



94.9852, 0.3023, 0.3549

Triad

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



94.9852, 0.3236, 0.3653



94.9852, 0.2735, 0.3017



94.9852, 0.3416, 0.3206

Complementary

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



94.9852, 0.3236, 0.3653



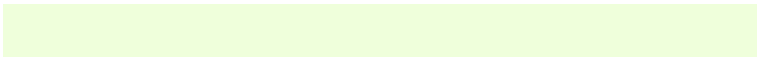
75.5191, 0.3006, 0.2924

Split Complementary

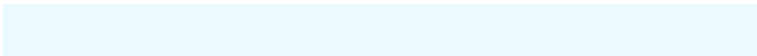
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9852, 0.3222, 0.3051



94.9852, 0.3236, 0.3653



94.9852, 0.2832, 0.2941

Square

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



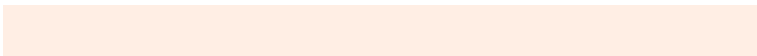
94.9852, 0.3236, 0.3653



94.9852, 0.2739, 0.3172



94.9852, 0.3008, 0.2955



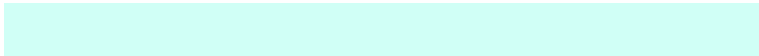
94.9852, 0.3532, 0.3386

Rectangle

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



94.9852, 0.3236, 0.3653



94.9852, 0.2896, 0.3433



94.9852, 0.3008, 0.2955



94.9852, 0.3358, 0.3150

Sweetspot

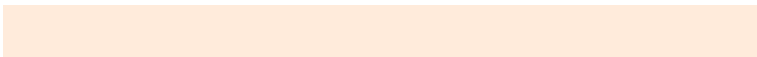
The Sweet Spot groups the original color and five complimentary colors.



94.9860, 0.3236, 0.3653



98.5122, 0.3158, 0.3389



85.5495, 0.3368, 0.3446



21.0271, 0.3164, 0.3407



0.0000, 0.0000, 0.0000



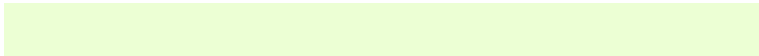
21.4041, 0.3127, 0.3290

Same Dimension

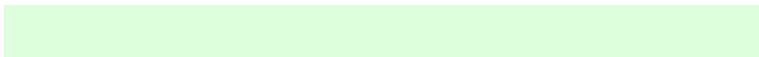
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9860, 0.3236, 0.3653



94.0492, 0.3258, 0.3731



92.0627, 0.3124, 0.3665



20.6665, 0.3200, 0.3530



40.4600, 0.3444, 0.5647



4.0042, 0.3525, 0.5583

Inverse Universe

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



75.5191, 0.3006, 0.2924



71.1013, 0.2978, 0.2845



78.6725, 0.3127, 0.2938



17.7721, 0.3049, 0.3049



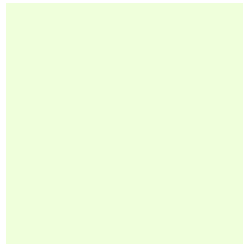
5.6965, 0.1916, 0.0829



0.6182, 0.2042, 0.0898

Previews

White Background



This preview shows how the Yxy color 94.9852, 0.3236, 0.3653 looks on a white background.

Color Contrast Check

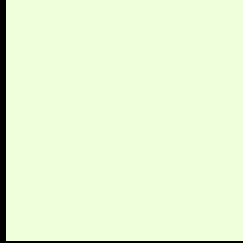
Large Text (above 18pt) WCAG AA × Fail

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 94.9852, 0.3236, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

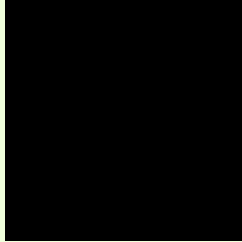
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

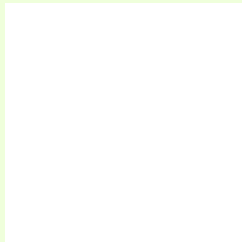
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9852, 0.3236, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 94.9852, 0.3236, 0.3653.

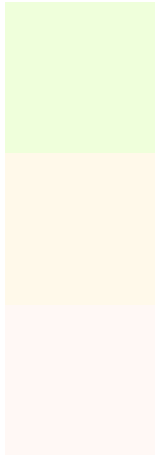


This preview shows how white text looks on a background with the Yxy color 94.9852, 0.3236, 0.3653.

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

94.9852, 0.3236, 0.3653

Protanopia

94.9519, 0.3256, 0.3436

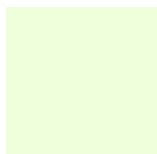
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

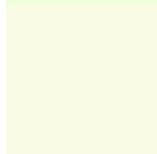
94.9278, 0.3086, 0.3232

Trichromacy



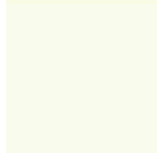
Original Color

94.9852, 0.3236, 0.3653



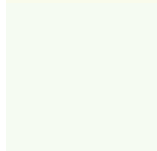
Protanomaly

94.7912, 0.3245, 0.3507



Deuteranomaly

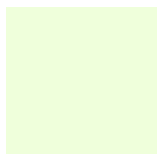
95.1902, 0.3203, 0.3437



Tritanomaly

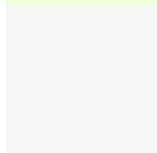
94.8176, 0.3142, 0.3378

Monochromacy



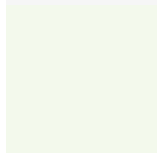
Original Color

94.9852, 0.3236, 0.3653



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.8622, 0.3166, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9852, 0.3236, 0.3653 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 94.9852, 0.3236, 0.3653 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, 219) }
```

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

```
.border{ border-color:rgb(239, 255, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9852, 0.3236, 0.3653 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, 219) }
```

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

```
.background{ background-color: rgb(239,  
255, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor