

Converting Colors

$Yxy(94.9925, 0.3240, 0.3658)$

Have a look what the booklet for
Yxy(94.9925, 0.3240, 0.3658)
contains.

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Color

Yxy(94.9327, 0.3242, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFDA
RGB	239, 255, 218
RGB Percent	94%, 100%, 85%
CMY	0.0625, 0.0000, 0.1452
CMYK	0.06, 0.00, 0.15, 0.00
HSL	86°, 100%, 93%
HSV	86°, 15%, 100%
XYZ	84.0218, 94.9327, 80.2120
YIQ	245.9980, 2.3410, -14.8990

Conversions

Conversions Part 2

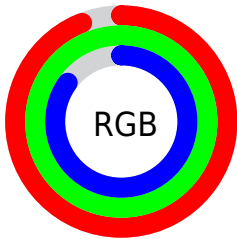
Format	Color
R _Y B	218, 255, 234
Decimal	15728602
CIE Lab	98.01, -11.54, 15.93
CIE LCh	98, 19.673, 125.916
Yxy	94.9327, 0.3242, 0.3663
Android (android.graphics.Color)	4293918682 (0xFFEFFFFDA)
YUV	245.9980, -13.8030, -6.1372
Hunter-Lab	97.4334, -16.5788, 19.3929

Details

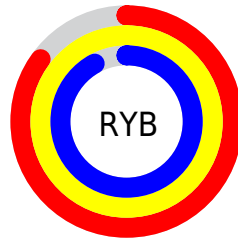
The Yxy color **94.9327, 0.3242, 0.3663** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.8337, 0.2999, 0.2914**, and the grayscale version is **92.2771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0998, 0.3265, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **91.8482, 0.3319, 0.3942**, and if you desaturate by 10%, it is **98.3470, 0.3163, 0.3401**.

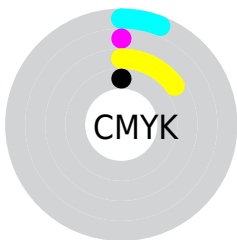
Distribution



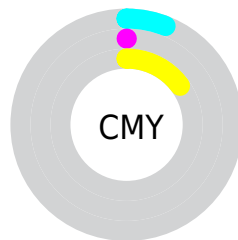
- Red (94%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9327, 0.3242, 0.3663 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 94.9327, 0.3242, 0.3663 by changing the saturation by 10% instead.


 94.9327, 0.3242,
0.3663

 94.9327, 0.3242,
0.3663


543.9495, 0.3193,
0.3495

 72.0790, 0.3252,
0.3700

154.1716, 0.3226,
0.3606

 53.2232, 0.3264,
0.3746


191.3256, 0.3219,
0.3583

 37.9810, 0.3279,
0.3802


234.0151, 0.3214,
0.3564

 25.9679, 0.3297,
0.3875

282.6245, 0.3208,
0.3547

 16.7996, 0.3320,
0.3971

337.5383, 0.3204,
0.3531

 10.0917, 0.3350,
0.4105

399.1408, 0.3200,

 5.4598, 0.3388,

0.3518

0.4303

467.8164, 0.3196,
0.3506

■ 2.5195, 0.3435,
0.4622

■ 0.8864, 0.3875,
0.6125

■ 94.9327, 0.3242,
0.3663

■ 94.9327, 0.3242,
0.3663

■ 91.8482, 0.3319,
0.3942

■ 98.3470, 0.3163,
0.3401

■ 89.0698, 0.3392,
0.4233

99.9963, 0.3127,
0.3290

■ 86.5893, 0.3455,
0.4527

■ 84.3937, 0.3503,
0.4811

■ 82.4686, 0.3532,
0.5073

■ 80.7981, 0.3539,
0.5297

■ 79.3637, 0.3521,
0.5473

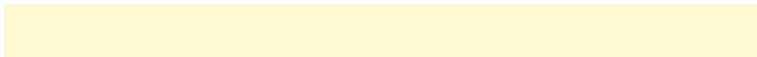
■ 78.1436, 0.3481,
0.5593

■ 77.5492, 0.3452,
0.5641

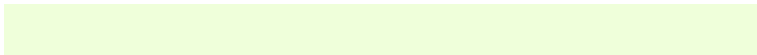
Harmonies

Analogous

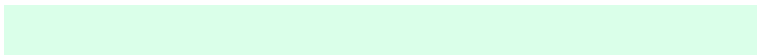
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9327, 0.3434, 0.3658



94.9327, 0.3242, 0.3663



94.9327, 0.3024, 0.3558

Triad

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



94.9327, 0.3242, 0.3663



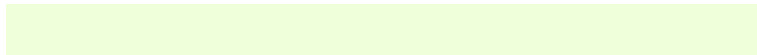
94.9327, 0.2725, 0.3012



94.9327, 0.3421, 0.3201

Complementary

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



94.9327, 0.3242, 0.3663



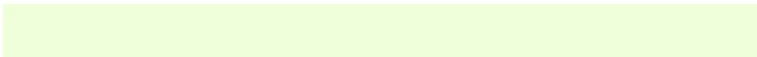
74.8337, 0.2999, 0.2914

Split Complementary

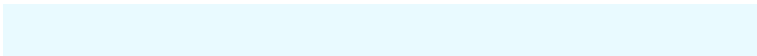
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9327, 0.3221, 0.3043



94.9327, 0.3242, 0.3663



94.9327, 0.2822, 0.2933

Square

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



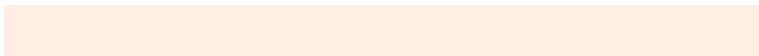
94.9327, 0.3242, 0.3663



94.9327, 0.2731, 0.3172



94.9327, 0.3002, 0.2946



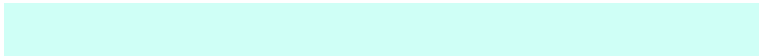
94.9327, 0.3541, 0.3385

Rectangle

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



94.9327, 0.3242, 0.3663



94.9327, 0.2894, 0.3440



94.9327, 0.3002, 0.2946



94.9327, 0.3360, 0.3143

Sweetspot

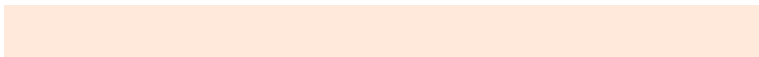
The Sweet Spot groups the original color and five complimentary colors.



94.9368, 0.3242, 0.3663



98.5365, 0.3159, 0.3389



84.8270, 0.3376, 0.3444



21.0332, 0.3165, 0.3407



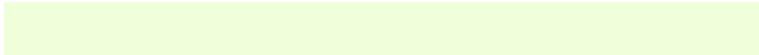
0.0000, 0.0000, 0.0000



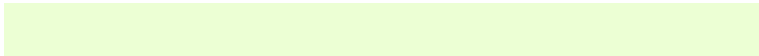
21.4041, 0.3127, 0.3290

Same Dimension

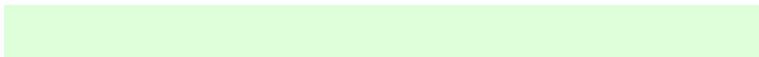
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9368, 0.3242, 0.3663



94.1444, 0.3262, 0.3731



91.9601, 0.3128, 0.3676



20.6784, 0.3202, 0.3530



40.6131, 0.3463, 0.5632



4.0189, 0.3543, 0.5569

Inverse Universe

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



74.8337, 0.2999, 0.2914



71.0090, 0.2974, 0.2844



78.0323, 0.3123, 0.2928



17.7603, 0.3046, 0.3049



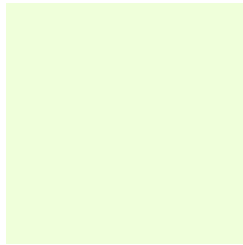
5.5839, 0.1894, 0.0817



0.6067, 0.2019, 0.0886

Previews

White Background



This preview shows how the Yxy color 94.9327, 0.3242, 0.3663 looks on a white background.

Color Contrast Check

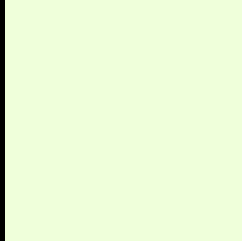
Large Text (above 18pt) WCAG AA × Fail

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 94.9327, 0.3242, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

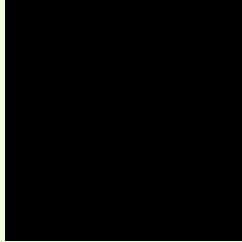
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

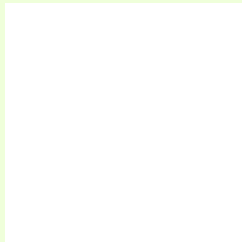
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9327, 0.3242, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 94.9327, 0.3242, 0.3663.

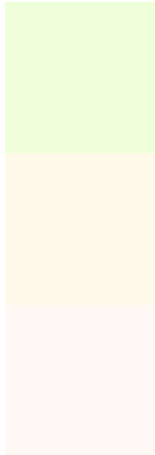


This preview shows how white text looks on a background with the Yxy color 94.9327, 0.3242, 0.3663.

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

94.9327, 0.3242, 0.3663

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

94.9327, 0.3242, 0.3663

Protanomaly

94.7355, 0.3251, 0.3517

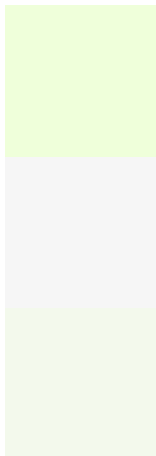
Deuteranomaly

95.1323, 0.3209, 0.3447

Tritanomaly

94.8176, 0.3142, 0.3378

Monochromacy



Original Color

94.9327, 0.3242, 0.3663

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 94.9327, 0.3242, 0.3663 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 94.9327, 0.3242, 0.3663 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, 218) }
```

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

```
.border{ border-color:rgb(239, 255, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9327, 0.3242, 0.3663 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, 218) }
```

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

```
.background{ background-color: rgb(239,  
255, 218) }
```

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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