

Converting Colors

$Yxy(94.5616, 0.3154, 0.3569)$

Have a look what the booklet for
Yxy(94.5616, 0.3154, 0.3569)
contains.

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Color

Yxy(94.5585, 0.3157, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	EAF FE3
RGB	234, 255, 227
RGB Percent	92%, 100%, 89%
CMY	0.0825, 0.0000, 0.1097
CMYK	0.08, 0.00, 0.11, 0.00
HSL	105°, 100%, 95%
HSV	105°, 11%, 100%
XYZ	83.5492, 94.5585, 86.5397
YIQ	245.5290, -3.5280, -13.1600

Conversions

Conversions Part 2

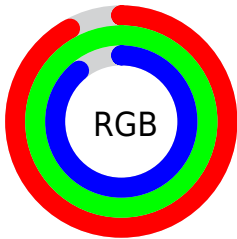
Format	Color
R _Y B	227, 255, 248
Decimal	15400931
CIE Lab	97.86, -11.80, 11.04
CIE LCh	98, 16.159, 136.883
Yxy	94.5585, 0.3157, 0.3573
Android (android.graphics.Color)	4293591011 (0xFFEAFFE3)
YUV	245.5290, -9.1348, -10.1109
Hunter-Lab	97.2412, -16.8057, 15.3038

Details

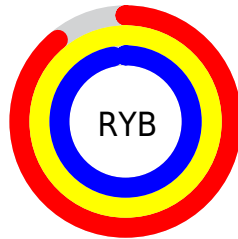
The Yxy color **94.5585, 0.3157, 0.3573** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82.1424, 0.3093, 0.3015**, and the grayscale version is **91.8273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8317, 0.3159, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **90.1752, 0.3182, 0.3861**, and if you desaturate by 10%, it is **99.4907, 0.3130, 0.3314**.

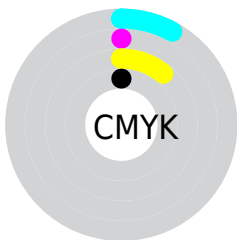
Distribution



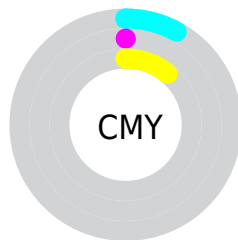
- Red (92%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5585, 0.3157, 0.3573 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 94.5585, 0.3157, 0.3573 by changing the saturation by 10% instead.


 94.5585, 0.3157,
0.3573

 94.5585, 0.3157,
0.3573

542.7506, 0.3145,
0.3446

 71.7676, 0.3159,
0.3601


153.6545, 0.3153,
0.3530

 52.9688, 0.3162,
0.3636


190.7284, 0.3152,
0.3512

 37.7779, 0.3165,
0.3679

233.3320, 0.3150,
0.3498

 25.8103, 0.3169,
0.3734

281.8498, 0.3149,
0.3485

 16.6818, 0.3173,
0.3808

336.6662, 0.3148,
0.3473

 10.0079, 0.3178,
0.3910

398.1655, 0.3147,

 5.4042, 0.3183,

0.3463

0.4063

466.7322, 0.3146,
0.3454

■ 2.4863, 0.3184,
0.4313

■ 0.8698, 0.3402,
0.5493

■ 94.5585, 0.3157,
0.3573

■ 94.5585, 0.3157,
0.3573

■ 90.1752, 0.3182,
0.3861

■ 99.4907, 0.3130,
0.3314

■ 86.3372, 0.3203,
0.4174

■ 100.0000, 0.3127,
0.3290

■ 83.0174, 0.3218,
0.4505

■ 80.1927, 0.3224,
0.4840

■ 77.8385, 0.3219,
0.5163

■ 75.9274, 0.3201,
0.5451

■ 74.4292, 0.3170,
0.5682

■ 73.3095, 0.3130,
0.5843

■ 72.5828, 0.3089,
0.5929

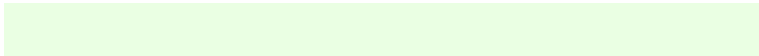
Harmonies

Analogous

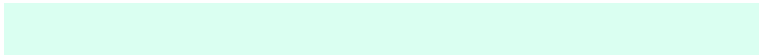
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5585, 0.3328, 0.3604



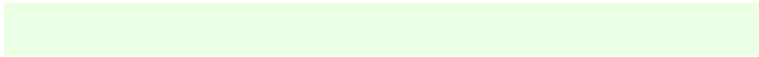
94.5585, 0.3157, 0.3573



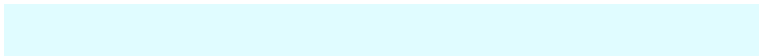
94.5585, 0.2982, 0.3459

Triad

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



94.5585, 0.3157, 0.3573



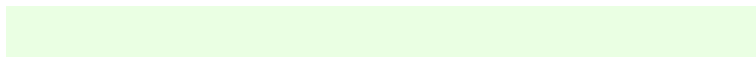
94.5585, 0.2815, 0.3029



94.5585, 0.3414, 0.3273

Complementary

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



94.5585, 0.3157, 0.3573



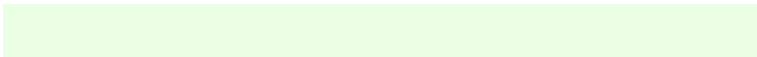
82.1424, 0.3093, 0.3015

Split Complementary

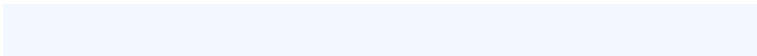
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5585, 0.3269, 0.3129



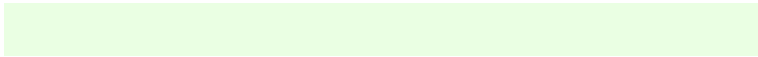
94.5585, 0.3157, 0.3573



94.5585, 0.2924, 0.2990

Square

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



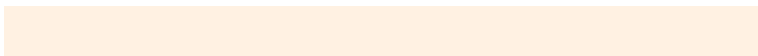
94.5585, 0.3157, 0.3573



94.5585, 0.2787, 0.3140



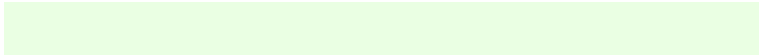
94.5585, 0.3089, 0.3027



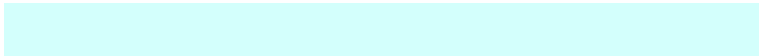
94.5585, 0.3480, 0.3424

Rectangle

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



94.5585, 0.3157, 0.3573



94.5585, 0.2885, 0.3354



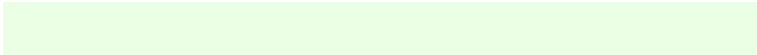
94.5585, 0.3089, 0.3027



94.5585, 0.3373, 0.3222

Sweetspot

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



94.5530, 0.3157, 0.3573



98.4419, 0.3135, 0.3364



93.9466, 0.3299, 0.3495



20.9834, 0.3138, 0.3384



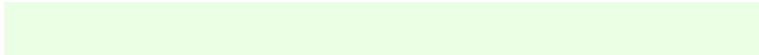
0.0000, 0.0000, 0.0000



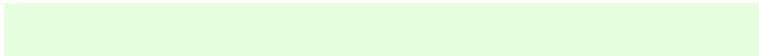
21.4041, 0.3127, 0.3290

Same Dimension

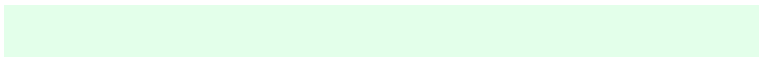
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5530, 0.3157, 0.3573



93.6194, 0.3162, 0.3629



93.7971, 0.3074, 0.3504



20.3855, 0.3153, 0.3533



37.9843, 0.3099, 0.5922



3.7470, 0.3175, 0.5861

Inverse Universe

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



82.1424, 0.3093, 0.3015



79.1182, 0.3086, 0.2962



82.9910, 0.3185, 0.3086



18.0604, 0.3098, 0.3053



9.6896, 0.2588, 0.1199



0.9946, 0.2661, 0.1240

Previews

White Background



This preview shows how the Yxy color 94.5585, 0.3157, 0.3573 looks on a white background.

Color Contrast Check

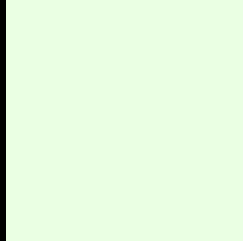
Large Text (above 18pt) WCAG AA × Fail

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 94.5585, 0.3157, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

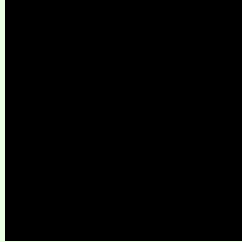
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

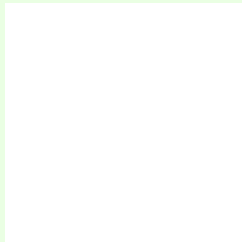
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5585, 0.3157, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 94.5585, 0.3157, 0.3573.

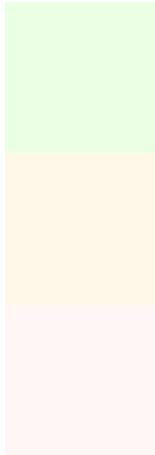


This preview shows how white text looks on a background with the Yxy color 94.5585, 0.3157, 0.3573.

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

94.5585, 0.3157, 0.3573

Protanopia

94.2780, 0.3263, 0.3436

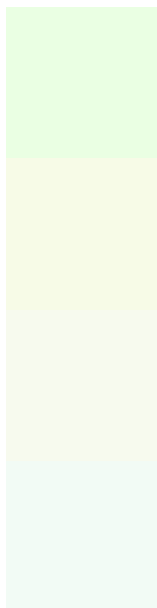
Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.5642, 0.3073, 0.3232

Trichromacy



Original Color

94.5585, 0.3157, 0.3573

Protanomaly

94.5380, 0.3220, 0.3488

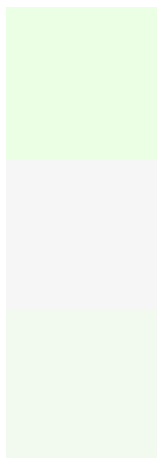
Deuteranomaly

94.3184, 0.3179, 0.3408

Tritanomaly

94.4642, 0.3106, 0.3349

Monochromacy



Original Color

94.5585, 0.3157, 0.3573

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.8606, 0.3142, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5585, 0.3157, 0.3573 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(234, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 227)  
}
```

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(234, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 94.5585, 0.3157, 0.3573 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(234, 255, 227) }
```

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

```
.border{ border-color:rgb(234, 255, 227) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5585, 0.3157, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 227) }
```

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

```
.background{ background-color: rgb(234,  
255, 227) }
```

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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