

Converting Colors

$Yxy(94.0969, 0.3141, 0.3575)$

Have a look what the booklet for
Yxy(94.0969, 0.3141, 0.3575)
contains.

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Color

Yxy(94.0550, 0.3139, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFE3
RGB	231, 255, 227
RGB Percent	91%, 100%, 89%
CMY	0.0940, 0.0000, 0.1099
CMYK	0.09, 0.00, 0.11, 0.00
HSL	111°, 100%, 95%
HSV	111°, 11%, 100%
XYZ	82.5842, 94.0550, 86.4517
YIQ	244.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

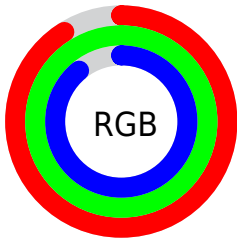
Format	Color
R_{YB}	227, 255, 251
Decimal	15204323
CIE _{Lab}	97.65, -12.77, 10.76
CIE _{LCh}	98, 16.701, 139.895
Yxy	94.0550, 0.3139, 0.3575
Android (android.graphics.Color)	4293394403 (0xFFE7FFE3)
YUV	244.6320, -8.6926, -11.9553
Hunter-Lab	96.9820, -17.7181, 15.0351

Details

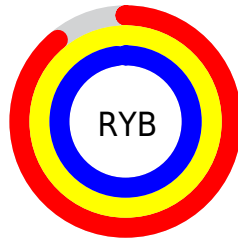
The Yxy color **94.0550, 0.3139, 0.3575** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82.6392, 0.3112, 0.3016**, and the grayscale version is **91.0788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4807, 0.3135, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **89.3481, 0.3148, 0.3867**, and if you desaturate by 10%, it is **99.4301, 0.3128, 0.3314**.

Distribution



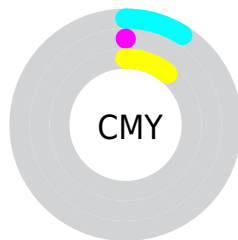
- Red (91%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (98%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0550, 0.3139, 0.3575 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 94.0550, 0.3139, 0.3575 by changing the saturation by 10% instead.


 94.0550, 0.3139,
0.3575

 94.0550, 0.3139,
0.3575

541.1352, 0.3135,
0.3447

 71.3487, 0.3140,
0.3604

152.9584, 0.3138,
0.3531

 52.6268, 0.3140,
0.3638


189.9243, 0.3137,
0.3514

 37.5049, 0.3141,
0.3682


232.4122, 0.3137,
0.3499

 25.5987, 0.3141,
0.3738

280.8064, 0.3136,
0.3486

 16.5237, 0.3141,
0.3813

335.4915, 0.3136,
0.3474

 9.8955, 0.3140,
0.3917

396.8517, 0.3136,

 5.3297, 0.3135,

0.3464

0.4073

465.2715, 0.3135,
0.3455

■ 2.4420, 0.3121,
0.4330

■ 0.8474, 0.3266,
0.5606

■ 94.0550, 0.3139,
0.3575

■ 94.0550, 0.3139,
0.3575

■ 89.3481, 0.3148,
0.3867

■ 99.4301, 0.3128,
0.3314

■ 85.2721, 0.3153,
0.4188

100.0000, 0.3127,
0.3290

■ 81.8035, 0.3153,
0.4530

■ 78.9130, 0.3148,
0.4878

■ 76.5686, 0.3136,
0.5212

■ 74.7355, 0.3116,
0.5508

■ 73.3743, 0.3090,
0.5742

■ 72.4401, 0.3059,
0.5898

■ 71.9127, 0.3034,
0.5973

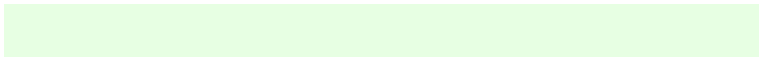
Harmonies

Analogous

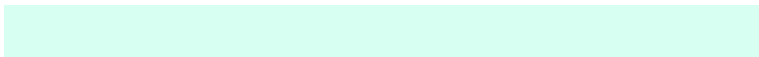
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0550, 0.3319, 0.3616



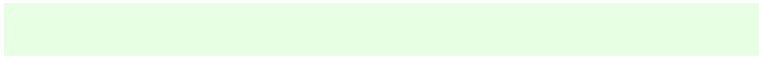
94.0550, 0.3139, 0.3575



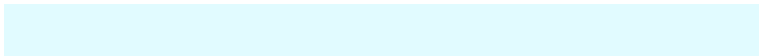
94.0550, 0.2960, 0.3450

Triad

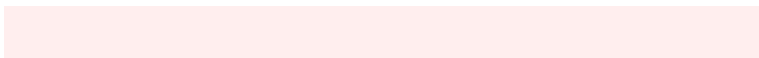
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.0550, 0.3139, 0.3575



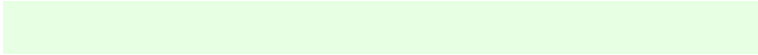
94.0550, 0.2812, 0.3012



94.0550, 0.3435, 0.3288

Complementary

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



94.0550, 0.3139, 0.3575



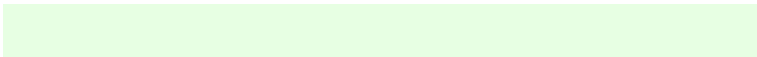
82.6392, 0.3112, 0.3016

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.



94.0550, 0.3292, 0.3137



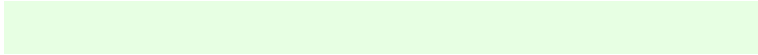
94.0550, 0.3139, 0.3575



94.0550, 0.2932, 0.2980

Square

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



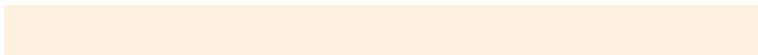
94.0550, 0.3139, 0.3575



94.0550, 0.2774, 0.3120



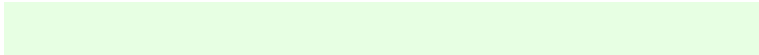
94.0550, 0.3107, 0.3026



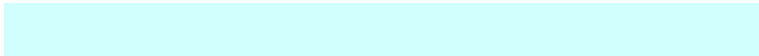
94.0550, 0.3493, 0.3444

Rectangle

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



94.0550, 0.3139, 0.3575



94.0550, 0.2864, 0.3339



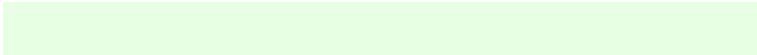
94.0550, 0.3107, 0.3026



94.0550, 0.3395, 0.3235

Sweetspot

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



94.0589, 0.3139, 0.3575



98.2975, 0.3131, 0.3364



95.6710, 0.3297, 0.3522



20.9445, 0.3131, 0.3384



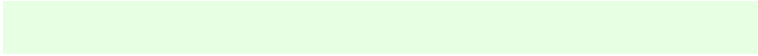
0.0000, 0.0000, 0.0000



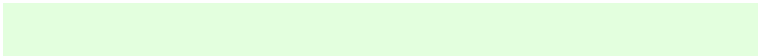
21.4041, 0.3127, 0.3290

Same Dimension

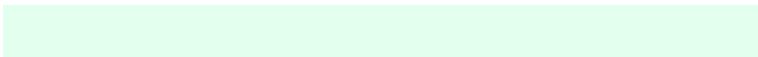
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0589, 0.3139, 0.3575



93.0608, 0.3141, 0.3631



93.9476, 0.3058, 0.3475



20.2944, 0.3138, 0.3534



37.6137, 0.3040, 0.5968



3.6983, 0.3098, 0.5922

Inverse Universe

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



82.6392, 0.3112, 0.3016



79.7428, 0.3109, 0.2965



82.7859, 0.3203, 0.3112



18.1591, 0.3115, 0.3054



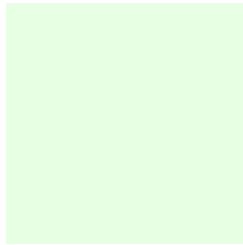
11.6148, 0.2845, 0.1341



1.1657, 0.2888, 0.1365

Previews

White Background



This preview shows how the Yxy color 94.0550, 0.3139, 0.3575 looks on a white background.

Color Contrast Check

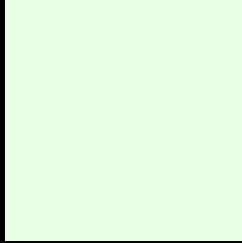
Large Text (above 18pt) WCAG AA × Fail

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 94.0550, 0.3139, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

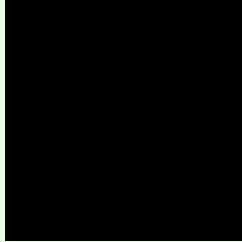
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

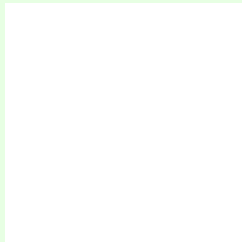
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.0550, 0.3139, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 94.0550, 0.3139, 0.3575.

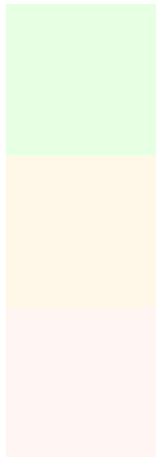


This preview shows how white text looks on a background with the Yxy color 94.0550, 0.3139, 0.3575.

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

94.0550, 0.3139, 0.3575

Protanopia

93.5511, 0.3276, 0.3446

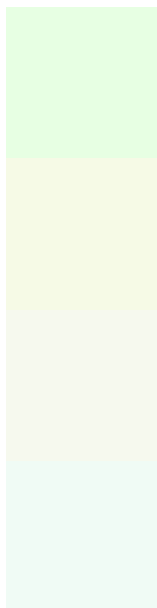
Deuteranopia

93.7032, 0.3197, 0.3310

Tritanopia

93.7673, 0.3067, 0.3222

Trichromacy



Original Color

94.0550, 0.3139, 0.3575

Protanomaly

93.6772, 0.3220, 0.3488

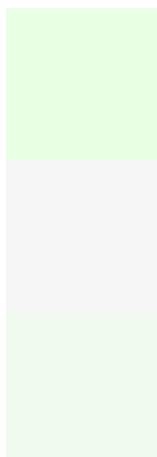
Deuteranomaly

93.5172, 0.3173, 0.3399

Tritanomaly

94.1122, 0.3093, 0.3349

Monochromacy



Original Color

94.0550, 0.3139, 0.3575

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4497, 0.3135, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0550, 0.3139, 0.3575 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(231, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 94.0550, 0.3139, 0.3575 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(231, 255, 227) }
```

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

```
.border{ border-color:rgb(231, 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(231, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0550, 0.3139, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 227) }
```

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

```
.background{ background-color: rgb(231,  
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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