

# Converting Colors

Yxy(94.1049, 0.3043, 0.3447)

Have a look what the booklet for  
Yxy(94.1049, 0.3043, 0.3447)  
contains.

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# Color

**Yxy(94.0829, 0.3046, 0.3452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FFEF
RGB	227, 255, 239
RGB Percent	89%, 100%, 94%
CMY	0.1098, 0.0000, 0.0627
CMYK	0.11, 0.00, 0.06, 0.00
HSL	146°, 100%, 95%
HSV	146°, 11%, 100%
XYZ	83.0175, 94.0829, 95.4456
YIQ	244.8040, -11.5520, -10.9120

# Conversions

## Conversions Part 2

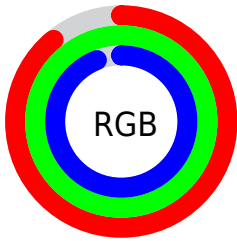
Format	Color
R <sub>Y</sub> B	227, 247, 255
Decimal	14942191
CIE Lab	97.67, -11.99, 4.57
CIE LCh	98, 12.829, 159.151
Yxy	94.0829, 0.3046, 0.3452
Android (android.graphics.Color)	4293132271 (0xFFE3FFE3)
YUV	244.8040, -2.8614, -15.6141
Hunter-Lab	96.9963, -16.9685, 9.5553

# Details

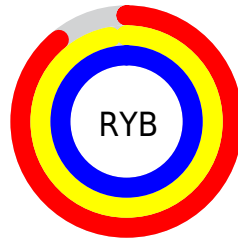
The Yxy color **94.0829, 0.3046, 0.3452** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.6676, 0.3217, 0.3133**, and the grayscale version is **91.1741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4650, 0.3025, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **89.4119, 0.2974, 0.3618**, and if you desaturate by 10%, it is **99.4367, 0.3120, 0.3304**.

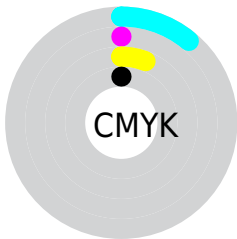
# Distribution



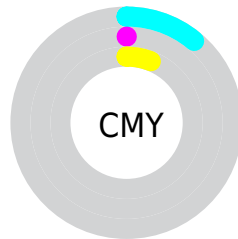
- Red (89%)
- Green (100%)
- Blue (94%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0829, 0.3046, 0.3452 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 94.0829, 0.3046, 0.3452 by changing the saturation by 10% instead.




 94.0829, 0.3046,  
0.3452

 94.0829, 0.3046,  
0.3452


541.2248, 0.3082,  
0.3380

 71.3719, 0.3038,  
0.3468


152.9970, 0.3058,  
0.3427

 52.6458, 0.3028,  
0.3488


189.9689, 0.3063,  
0.3418

 37.5201, 0.3016,  
0.3512


232.4632, 0.3067,  
0.3409

 25.6104, 0.3000,  
0.3543

280.8643, 0.3071,  
0.3402

 16.5324, 0.2980,  
0.3585

335.5566, 0.3074,  
0.3395

 9.9017, 0.2951,  
0.3642

396.9246, 0.3077,

 5.3338, 0.2908,

0.3389

0.3728

465.3525, 0.3080,  
0.3384

■ 2.4444, 0.2838,  
0.3868

■ 0.8486, 0.2612,  
0.4314

■ 94.0829, 0.3046,  
0.3452

■ 94.0829, 0.3046,  
0.3452

■ 89.4119, 0.2974,  
0.3618


■ 99.4367, 0.3120,  
0.3304

■ 85.3962, 0.2906,  
0.3802

■ 100.0000, 0.3127,  
0.3290


■ 82.0049, 0.2846,  
0.4003


■ 79.2048, 0.2797,  
0.4217

 76.9598, 0.2762,  
0.4441

 75.2294, 0.2744,  
0.4668

 73.9673, 0.2745,  
0.4890

 73.1186, 0.2766,  
0.5100

 72.6309, 0.2798,  
0.5274

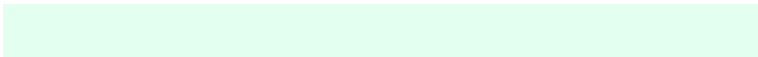
# Harmonies

## Analogous

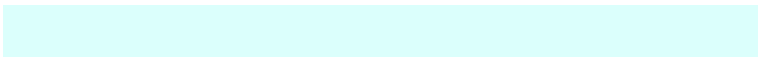
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0829, 0.3189, 0.3527



94.0829, 0.3046, 0.3452



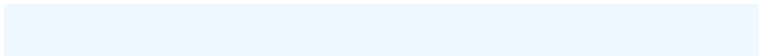
94.0829, 0.2927, 0.3331

# Triad

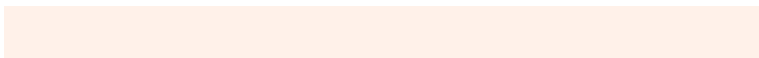
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.0829, 0.3046, 0.3452



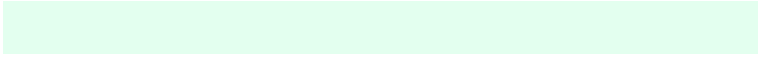
94.0829, 0.2937, 0.3052



94.0829, 0.3400, 0.3368

# Complementary

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



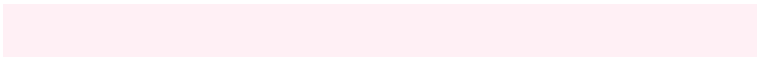
94.0829, 0.3046, 0.3452



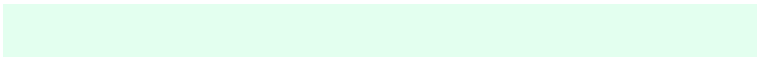
82.6676, 0.3217, 0.3133

# 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.



94.0829, 0.3330, 0.3245



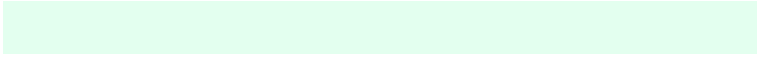
94.0829, 0.3046, 0.3452



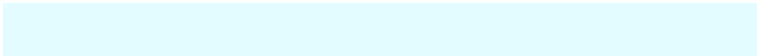
94.0829, 0.3061, 0.3066

# Square

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



94.0829, 0.3046, 0.3452



94.0829, 0.2865, 0.3101



94.0829, 0.3205, 0.3136

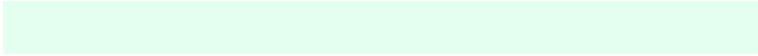


94.0829, 0.3395, 0.3474



# Rectangle

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



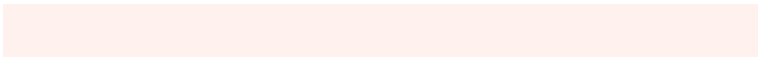
94.0829, 0.3046, 0.3452



94.0829, 0.2876, 0.3243



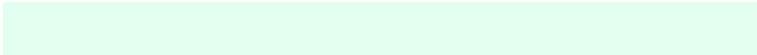
94.0829, 0.3205, 0.3136



94.0829, 0.3385, 0.3328

# Sweetspot

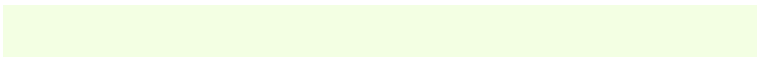
The Sweet Spot groups the original color and five complimentary colors.



94.0826, 0.3046, 0.3452



98.2995, 0.3105, 0.3332



96.1798, 0.3217, 0.3568



20.9452, 0.3099, 0.3344



0.0000, 0.0000, 0.0000

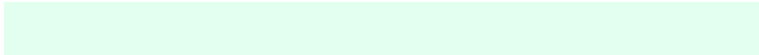


21.4041, 0.3127, 0.3290

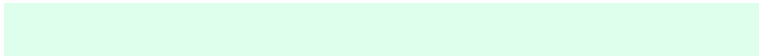


# Same Dimension

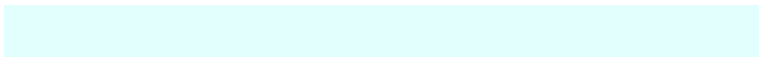
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0826, 0.3046, 0.3452



93.0856, 0.3031, 0.3484



94.9211, 0.2971, 0.3313



20.2974, 0.3057, 0.3429



37.9797, 0.2790, 0.5243



3.7193, 0.2728, 0.5020



# Inverse Universe

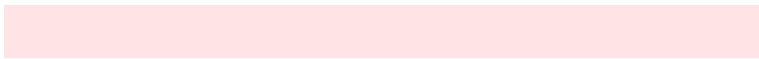
The Inverse Universe completely reimagines the original color for something new.



82.6676, 0.3217, 0.3133



79.7612, 0.3236, 0.3104



81.8724, 0.3308, 0.3267



18.1610, 0.3204, 0.3155



12.2186, 0.4663, 0.2342

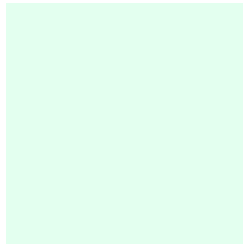


1.2116, 0.4451, 0.2226



# Previews

## White Background



This preview shows how the Yxy color 94.0829, 0.3046, 0.3452 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

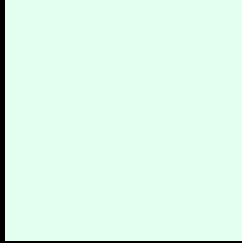
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.0829, 0.3046, 0.3452 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

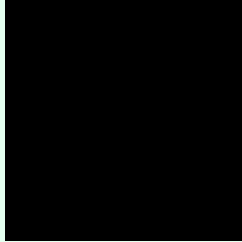
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

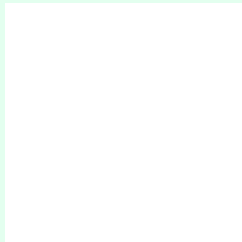
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 94.0829, 0.3046, 0.3452**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.0829, 0.3046, 0.3452.

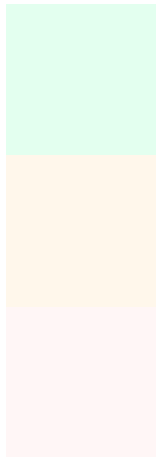


This preview shows how white text looks on a background with the Yxy color 94.0829, 0.3046, 0.3452.

# 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

94.0829, 0.3046, 0.3452

### Protanopia

93.7797, 0.3251, 0.3407

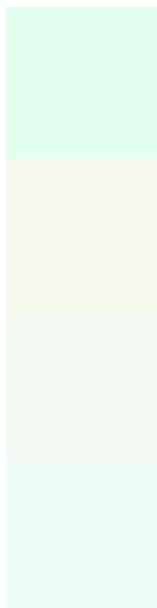
### Deuteranopia

93.8254, 0.3185, 0.3290

## **Tritanopia**

94.0260, 0.3055, 0.3231

# Trichromacy



## Original Color

94.0829, 0.3046, 0.3452

## Protanomaly

93.8398, 0.3178, 0.3428

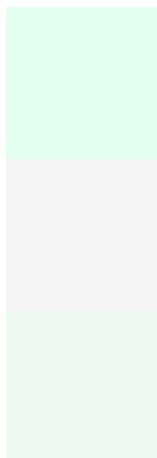
## Deuteranomaly

93.6349, 0.3137, 0.3349

## Tritanomaly

93.8384, 0.3052, 0.3310

# Monochromacy



## Original Color

94.0829, 0.3046, 0.3452

## Achromatopsia

91.3099, 0.3127, 0.3290

## Achromatomaly

92.3996, 0.3093, 0.3350

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  94.0829, 0.3046, 0.3452 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(227, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 239)  
}
```

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(227, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 239) }
```

## Border

The CSS property to change the border of an element to Yxy 94.0829, 0.3046, 0.3452 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(227, 255, 239) }
```

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

```
.border{ border-color:rgb(227, 255, 239) }
```

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

Here you see how a box with a 4 pixel rgb(227, 255, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
239) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.0829, 0.3046, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 239) }
```

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

```
.background{ background-color: rgb(227,  
255, 239) }
```

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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