

Converting Colors

$Yxy(94.9130, 0.3095, 0.3471)$

Have a look what the booklet for
Yxy(94.9130, 0.3095, 0.3471)
contains.

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Color

Yxy(94.9581, 0.3094, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFED
RGB	233, 255, 237
RGB Percent	91%, 100%, 93%
CMY	0.0863, 0.0000, 0.0707
CMYK	0.09, 0.00, 0.07, 0.00
HSL	131°, 100%, 96%
HSV	131°, 9%, 100%
XYZ	84.6443, 94.9581, 93.9732
YIQ	246.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

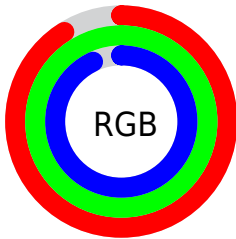
Format	Color
R _Y B	233, 252, 255
Decimal	15335405
CIE Lab	98.02, -10.40, 6.16
CIE LCh	98, 12.090, 149.362
Yxy	94.9581, 0.3094, 0.3471
Android (android.graphics.Color)	4293525485 (0xFFE9FFED)
YUV	246.3700, -4.6194, -11.7255
Hunter-Lab	97.4464, -15.4819, 11.0357

Details

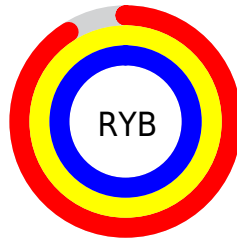
The Yxy color 94.9581, 0.3094, 0.3471 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.4953, 0.3162, 0.3116, and the grayscale version is 92.5106, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0715, 0.3086, 0.3509 is the 20% darker color. If you saturate the color by 10%, you get 89.8191, 0.3055, 0.3706, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

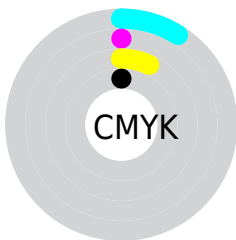
Distribution



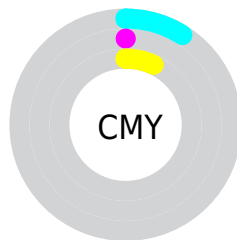
- Red (91%)
- Green (100%)
- Blue (93%)



- Red (91%)
- Yellow (99%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9581, 0.3094, 0.3471 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 94.9581, 0.3094, 0.3471 by changing the saturation by 10% instead.


 94.9581, 0.3094,
0.3471

 94.9581, 0.3094,
0.3471


544.0308, 0.3109,
0.3390

 72.1001, 0.3091,
0.3489

154.2067, 0.3099,
0.3443

 53.2405, 0.3086,
0.3511


191.3661, 0.3101,
0.3433

 37.9948, 0.3081,
0.3538


234.0615, 0.3103,
0.3423

 25.9786, 0.3074,
0.3573

282.6771, 0.3105,
0.3415

 16.8076, 0.3065,
0.3619

337.5975, 0.3106,
0.3408

 10.0974, 0.3052,
0.3683

399.2070, 0.3107,

 5.4636, 0.3032,

0.3401

0.3778

467.8899, 0.3108,
0.3395

■ 2.5218, 0.2998,
0.3933

■ 0.8875, 0.2929,
0.4409

■ 94.9581, 0.3094,
0.3471

■ 94.9581, 0.3094,
0.3471

■ 89.8191, 0.3055,
0.3706

100.0000, 0.3127,
0.3290

■ 85.4144, 0.3017,
0.3969

■ 81.7069, 0.2982,
0.4257

■ 78.6606, 0.2953,
0.4562

■ 76.2359, 0.2931,
0.4873

■ 74.3893, 0.2920,
0.5174

■ 73.0711, 0.2921,
0.5446

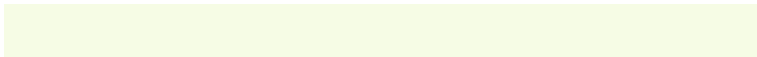
■ 72.2234, 0.2934,
0.5671

■ 71.7655, 0.2957,
0.5835

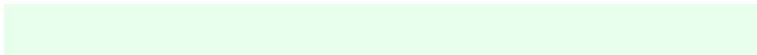
Harmonies

Analogous

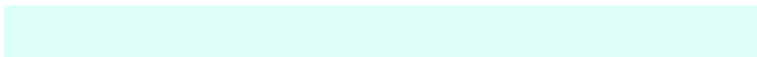
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9581, 0.3228, 0.3522



94.9581, 0.3094, 0.3471



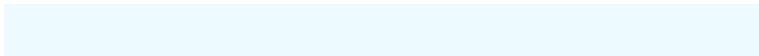
94.9581, 0.2971, 0.3369

Triad

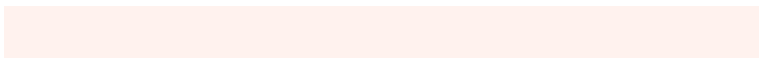
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.9581, 0.3094, 0.3471



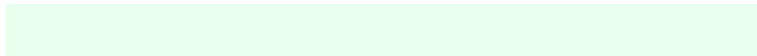
94.9581, 0.2920, 0.3075



94.9581, 0.3369, 0.3326

Complementary

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



94.9581, 0.3094, 0.3471



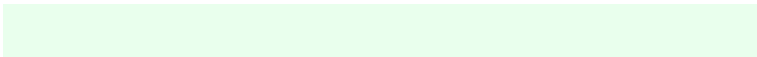
86.4953, 0.3162, 0.3116

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.



94.9581, 0.3284, 0.3212



94.9581, 0.3094, 0.3471



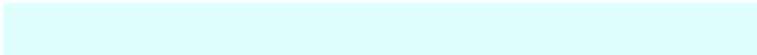
94.9581, 0.3023, 0.3069

Square

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



94.9581, 0.3094, 0.3471



94.9581, 0.2872, 0.3139



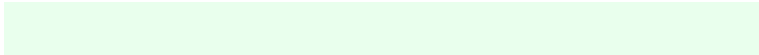
94.9581, 0.3156, 0.3119



94.9581, 0.3389, 0.3434

Rectangle

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



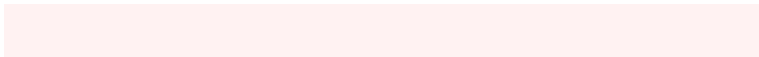
94.9581, 0.3094, 0.3471



94.9581, 0.2911, 0.3287



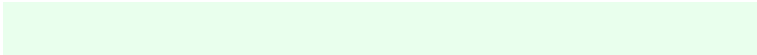
94.9581, 0.3156, 0.3119



94.9581, 0.3347, 0.3288

Sweetspot

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



94.9547, 0.3094, 0.3471



98.1811, 0.3116, 0.3351



97.9732, 0.3232, 0.3504



20.9133, 0.3113, 0.3367



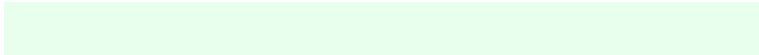
0.0000, 0.0000, 0.0000



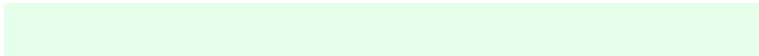
21.4041, 0.3127, 0.3290

Same Dimension

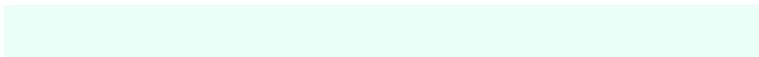
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9547, 0.3094, 0.3471



94.2083, 0.3089, 0.3501



95.5977, 0.3034, 0.3363



20.2220, 0.3091, 0.3490



37.4904, 0.2953, 0.5832



3.6642, 0.2902, 0.5646

Inverse Universe

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



86.4953, 0.3162, 0.3116



84.5012, 0.3168, 0.3087



85.8405, 0.3230, 0.3218



18.2405, 0.3166, 0.3098



13.5272, 0.3731, 0.1829



1.3312, 0.3660, 0.1790

Previews

White Background



This preview shows how the Yxy color 94.9581, 0.3094, 0.3471 looks on a white background.

Color Contrast Check

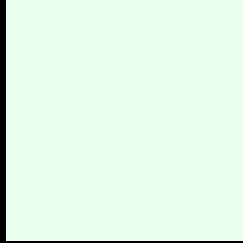
Large Text (above 18pt) WCAG AA × Fail

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 94.9581, 0.3094, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

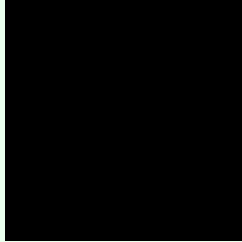
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

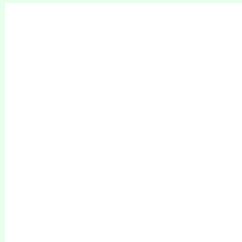
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9581, 0.3094, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 94.9581, 0.3094, 0.3471.

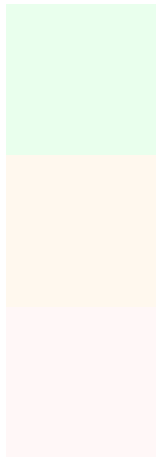


This preview shows how white text looks on a background with the Yxy color 94.9581, 0.3094, 0.3471.

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

94.9581, 0.3094, 0.3471

Protanopia

94.5678, 0.3232, 0.3387

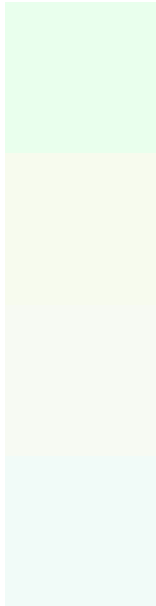
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.5642, 0.3073, 0.3232

Trichromacy



Original Color

94.9581, 0.3094, 0.3471

Protanomaly

94.9416, 0.3178, 0.3418

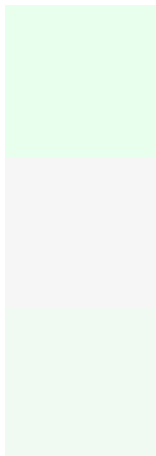
Deuteranomaly

94.6164, 0.3149, 0.3359

Tritanomaly

94.4724, 0.3082, 0.3319

Monochromacy



Original Color

94.9581, 0.3094, 0.3471

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9232, 0.3112, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9581, 0.3094, 0.3471 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(233, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 237)  
}
```

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(233, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.9581, 0.3094, 0.3471 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(233, 255, 237) }
```

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

```
.border{ border-color:rgb(233, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(233, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9581, 0.3094, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 237) }
```

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

```
.background{ background-color: rgb(233,  
255, 237) }
```

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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