

Converting Colors

$Yxy(94.4085, 0.3069, 0.3466)$

Have a look what the booklet for
Yxy(94.4085, 0.3069, 0.3466)
contains.

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Color

Yxy(94.3511, 0.3064, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFEE
RGB	229, 255, 238
RGB Percent	90%, 100%, 93%
CMY	0.1019, 0.0000, 0.0668
CMYK	0.10, 0.00, 0.07, 0.00
HSL	141°, 100%, 95%
HSV	141°, 10%, 100%
XYZ	83.5043, 94.3511, 94.6781
YIQ	245.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

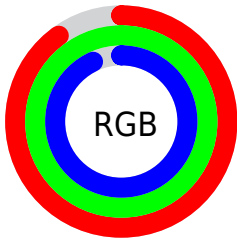
Format	Color
R _Y B	229, 248, 255
Decimal	15073262
CIE Lab	97.77, -11.52, 5.27
CIE LCh	98, 12.669, 155.436
Yxy	94.3511, 0.3064, 0.3462
Android (android.graphics.Color)	4293263342 (0xFFE5FFEE)
YUV	245.2880, -3.5930, -14.2846
Hunter-Lab	97.1345, -16.5331, 10.2035

Details

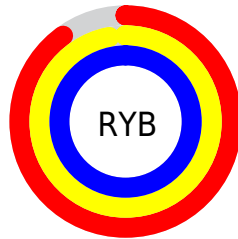
The Yxy color **94.3511, 0.3064, 0.3462** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.9597, 0.3196, 0.3124**, and the grayscale version is **91.5892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6498, 0.3047, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **89.5230, 0.3003, 0.3652**, and if you desaturate by 10%, it is **99.8863, 0.3126, 0.3293**.

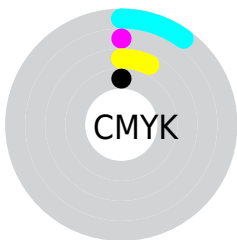
Distribution



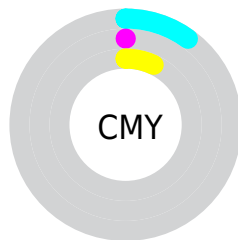
- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (97%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3511, 0.3064, 0.3462 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 94.3511, 0.3064, 0.3462 by changing the saturation by 10% instead.

 94.3511, 0.3064,
0.3462

 94.3511, 0.3064,
0.3462

542.0855, 0.3092,
0.3385

 71.5950, 0.3058,
0.3479


153.3678, 0.3074,
0.3436

 52.8279, 0.3050,
0.3500


190.3972, 0.3078,
0.3425

 37.6654, 0.3040,
0.3526


232.9532, 0.3081,
0.3416

 25.7231, 0.3028,
0.3559

281.4202, 0.3084,
0.3409

 16.6166, 0.3012,
0.3603

336.1825, 0.3086,
0.3402

 9.9615, 0.2989,
0.3664

397.6246, 0.3089,

 5.3735, 0.2954,

0.3396

0.3755

466.1308, 0.3091,
0.3390

■ 2.4680, 0.2897,
0.3904

■ 0.8606, 0.2730,
0.4377

■ 94.3511, 0.3064,
0.3462

■ 94.3511, 0.3064,
0.3462

■ 89.5230, 0.3003,
0.3652

99.8863, 0.3126,
0.3293

■ 85.3729, 0.2945,
0.3863

100.0000, 0.3127,
0.3290

■ 81.8695, 0.2894,
0.4094

■ 78.9790, 0.2851,
0.4340

■ 76.6644, 0.2821,
0.4596

■ 74.8846, 0.2807,
0.4853

■ 73.5927, 0.2810,
0.5099

■ 72.7332, 0.2831,
0.5325

■ 72.2239, 0.2866,
0.5516

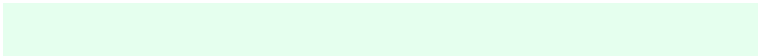
Harmonies

Analogous

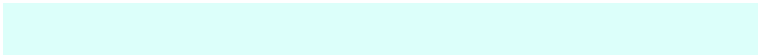
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3511, 0.3205, 0.3528



94.3511, 0.3064, 0.3462



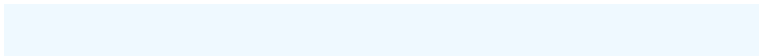
94.3511, 0.2942, 0.3347

Triad

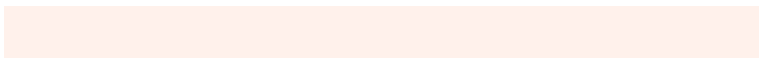
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.3511, 0.3064, 0.3462



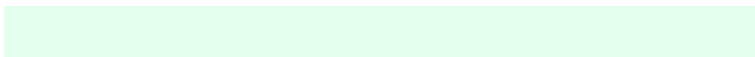
94.3511, 0.2928, 0.3058



94.3511, 0.3392, 0.3353

Complementary

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



94.3511, 0.3064, 0.3462



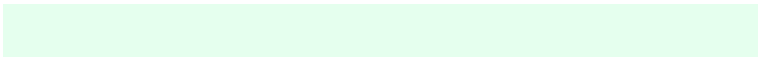
83.9597, 0.3196, 0.3124

Split Complementary

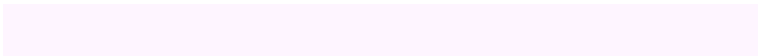
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3511, 0.3314, 0.3231



94.3511, 0.3064, 0.3462



94.3511, 0.3045, 0.3064

Square

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



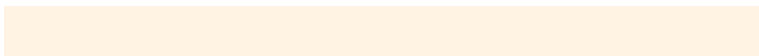
94.3511, 0.3064, 0.3462



94.3511, 0.2864, 0.3113



94.3511, 0.3187, 0.3127



94.3511, 0.3397, 0.3461

Rectangle

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



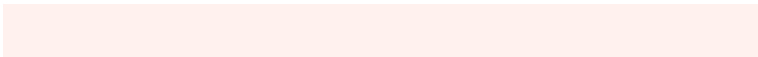
94.3511, 0.3064, 0.3462



94.3511, 0.2887, 0.3260



94.3511, 0.3187, 0.3127



94.3511, 0.3374, 0.3312

Sweetspot

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



94.3511, 0.3064, 0.3462



98.2593, 0.3109, 0.3338



96.8314, 0.3224, 0.3546



20.9343, 0.3104, 0.3352



0.0000, 0.0000, 0.0000



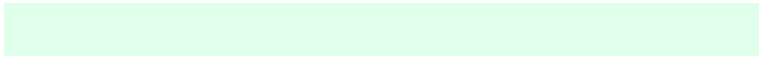
21.4041, 0.3127, 0.3290

Same Dimension

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



94.3511, 0.3064, 0.3462



93.4268, 0.3053, 0.3495



95.1237, 0.2993, 0.3333



20.2716, 0.3068, 0.3450



37.7637, 0.2857, 0.5486



3.6965, 0.2794, 0.5259

Inverse Universe

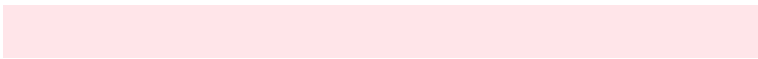
The Inverse Universe completely reimagines the original color for something new.



83.9597, 0.3196, 0.3124



81.3453, 0.3210, 0.3094



83.2064, 0.3279, 0.3248



18.1877, 0.3191, 0.3135



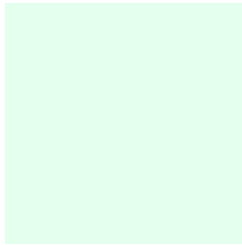
12.5967, 0.4322, 0.2155



1.2471, 0.4162, 0.2066

Previews

White Background



This preview shows how the Yxy color 94.3511, 0.3064, 0.3462 looks on a white background.

Color Contrast Check

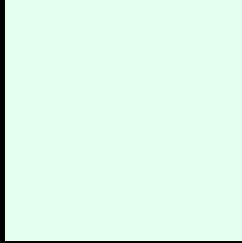
Large Text (above 18pt) WCAG AA × Fail

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 94.3511, 0.3064, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

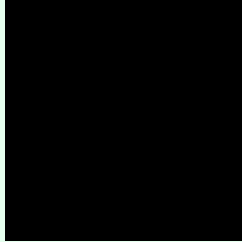
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

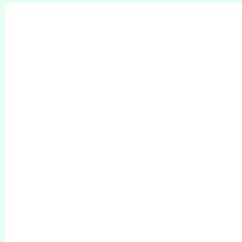
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3511, 0.3064, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 94.3511, 0.3064, 0.3462.

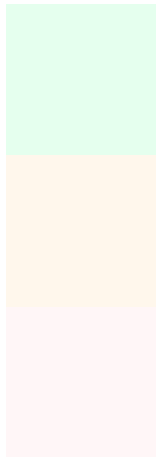


This preview shows how white text looks on a background with the Yxy color 94.3511, 0.3064, 0.3462.

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

94.3511, 0.3064, 0.3462

Protanopia

93.8377, 0.3245, 0.3397

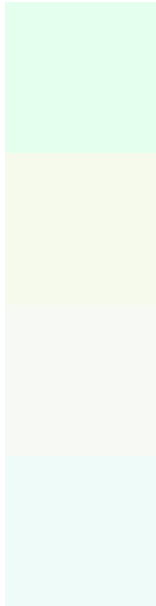
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.3511, 0.3064, 0.3462

Protanomaly

94.0785, 0.3178, 0.3418

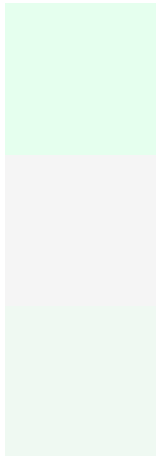
Deuteranomaly

93.8758, 0.3138, 0.3339

Tritanomaly

94.1846, 0.3064, 0.3310

Monochromacy



Original Color

94.3511, 0.3064, 0.3462

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5129, 0.3105, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3511, 0.3064, 0.3462 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(229, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 238)  
}
```

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(229, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 238) }
```

Border

The CSS property to change the border of an element to Yxy 94.3511, 0.3064, 0.3462 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(229, 255, 238) }
```

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

```
.border{ border-color:rgb(229, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3511, 0.3064, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 238) }
```

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

```
.background{ background-color: rgb(229,  
255, 238) }
```

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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