

Converting Colors

$Yxy(94.1809, 0.3091, 0.3506)$

Have a look what the booklet for
Yxy(94.1809, 0.3091, 0.3506)
contains.

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Color

Yxy(94.1185, 0.3086, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFEA
RGB	229, 255, 234
RGB Percent	90%, 100%, 92%
CMY	0.1021, 0.0000, 0.0823
CMYK	0.10, 0.00, 0.08, 0.00
HSL	132°, 100%, 95%
HSV	132°, 10%, 100%
XYZ	82.9146, 94.1185, 91.6466
YIQ	244.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

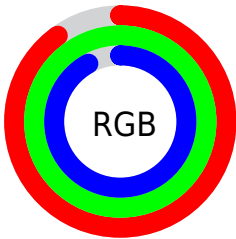
Format	Color
R_{YB}	229, 251, 255
Decimal	15073258
CIE _{Lab}	97.68, -12.25, 7.16
CIE _{LCh}	98, 14.190, 149.675
Yxy	94.1185, 0.3086, 0.3503
Android (android.graphics.Color)	4293263338 (0xFFE5FFE5)
YUV	244.8320, -5.3402, -13.8847
Hunter-Lab	97.0147, -17.2189, 11.9009

Details

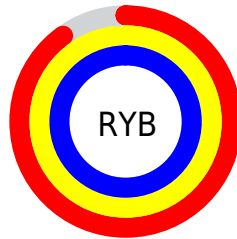
The Yxy color **94.1185, 0.3086, 0.3503** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.1722, 0.3171, 0.3086**, and the grayscale version is **91.2066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4868, 0.3076, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **89.1082, 0.3046, 0.3739**, and if you desaturate by 10%, it is **99.8685, 0.3126, 0.3294**.

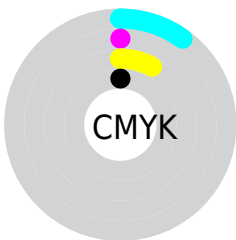
Distribution



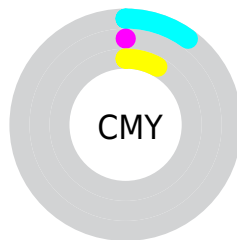
- Red (90%)
- Green (100%)
- Blue (92%)



- Red (90%)
- Yellow (98%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1185, 0.3086, 0.3503 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 94.1185, 0.3086, 0.3503 by changing the saturation by 10% instead.


 94.1185, 0.3086,
0.3503

 94.1185, 0.3086,
0.3503


541.3391, 0.3105,
0.3407

 71.4015, 0.3082,
0.3524

153.0462, 0.3093,
0.3470

 52.6699, 0.3076,
0.3550


190.0257, 0.3095,
0.3458

 37.5393, 0.3070,
0.3582


232.5282, 0.3097,
0.3446

 25.6254, 0.3061,
0.3624

280.9381, 0.3099,
0.3437

 16.5436, 0.3049,
0.3679

335.6397, 0.3101,
0.3428

 9.9096, 0.3032,
0.3756

397.0175, 0.3102,

 5.3391, 0.3007,

0.3420

0.3871

465.4558, 0.3104,
0.3414

■ 2.4475, 0.2962,
0.4060

■ 0.8502, 0.2853,
0.4765

■ 94.1185, 0.3086,
0.3503

■ 94.1185, 0.3086,
0.3503

■ 89.1082, 0.3046,
0.3739

99.8685, 0.3126,
0.3294

■ 84.8262, 0.3006,
0.4002

100.0000, 0.3127,
0.3290

■ 81.2321, 0.2971,
0.4288

■ 78.2897, 0.2941,
0.4591

■ 75.9591, 0.2920,
0.4898

■ 74.1963, 0.2911,
0.5193

■ 72.9509, 0.2915,
0.5459

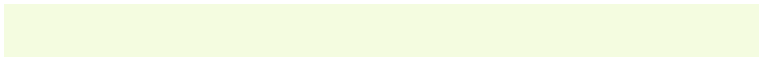
■ 72.1636, 0.2931,
0.5677

■ 71.7462, 0.2954,
0.5834

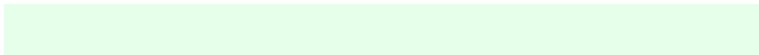
Harmonies

Analogous

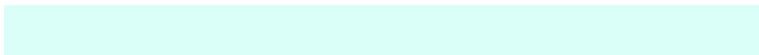
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1185, 0.3243, 0.3564



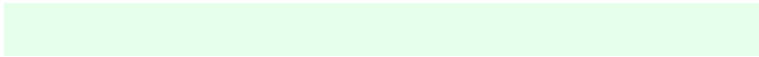
94.1185, 0.3086, 0.3503



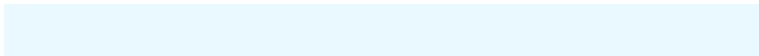
94.1185, 0.2942, 0.3381

Triad

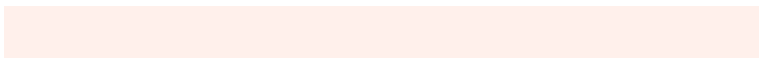
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1185, 0.3086, 0.3503



94.1185, 0.2885, 0.3037



94.1185, 0.3414, 0.3333

Complementary

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



94.1185, 0.3086, 0.3503



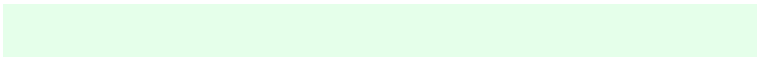
84.1722, 0.3171, 0.3086

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.



94.1185, 0.3313, 0.3199



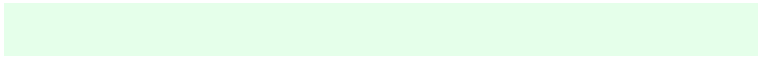
94.1185, 0.3086, 0.3503



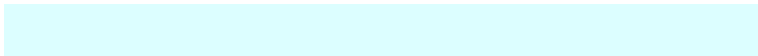
94.1185, 0.3006, 0.3031

Square

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



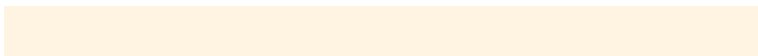
94.1185, 0.3086, 0.3503



94.1185, 0.2828, 0.3110



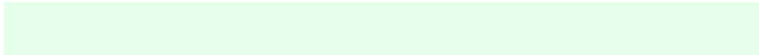
94.1185, 0.3163, 0.3090



94.1185, 0.3435, 0.3460

Rectangle

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



94.1185, 0.3086, 0.3503



94.1185, 0.2873, 0.3284



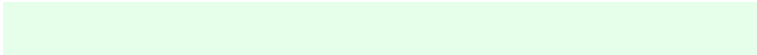
94.1185, 0.3163, 0.3090



94.1185, 0.3388, 0.3288

Sweetspot

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



94.1118, 0.3086, 0.3503



98.1871, 0.3115, 0.3350



97.5402, 0.3249, 0.3545



20.9149, 0.3112, 0.3366



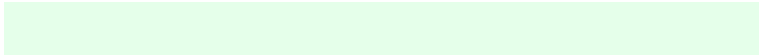
0.0000, 0.0000, 0.0000



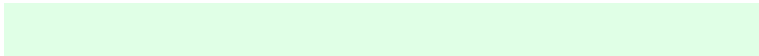
21.4041, 0.3127, 0.3290

Same Dimension

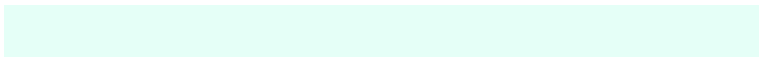
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1118, 0.3086, 0.3503



93.1637, 0.3079, 0.3543



94.8707, 0.3015, 0.3372



20.2258, 0.3089, 0.3487



37.5052, 0.2948, 0.5812



3.6661, 0.2895, 0.5621

Inverse Universe

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



84.1722, 0.3171, 0.3086



81.6297, 0.3180, 0.3050



83.4000, 0.3254, 0.3209



18.2363, 0.3168, 0.3101



13.4456, 0.3772, 0.1852



1.3239, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 94.1185, 0.3086, 0.3503 looks on a white background.

Color Contrast Check

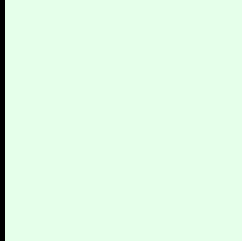
Large Text (above 18pt) WCAG AA × Fail

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 94.1185, 0.3086, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

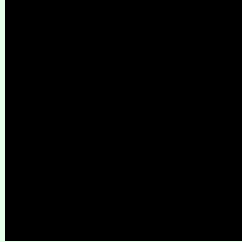
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

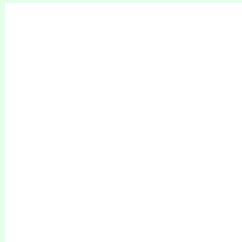
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1185, 0.3086, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 94.1185, 0.3086, 0.3503.

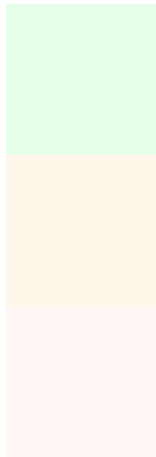


This preview shows how white text looks on a background with the Yxy color 94.1185, 0.3086, 0.3503.

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

94.1185, 0.3086, 0.3503

Protanopia

93.6647, 0.3264, 0.3427

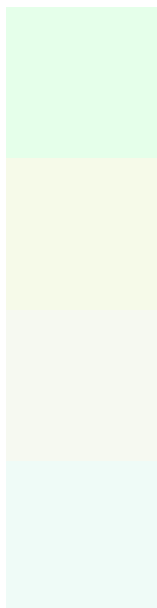
Deuteranopia

93.7641, 0.3191, 0.3300

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.1185, 0.3086, 0.3503

Protanomaly

93.8472, 0.3202, 0.3458

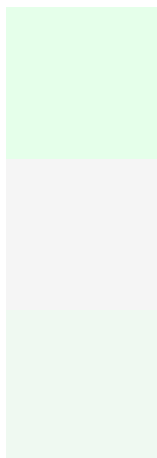
Deuteranomaly

93.6951, 0.3155, 0.3369

Tritanomaly

94.0605, 0.3075, 0.3329

Monochromacy



Original Color

94.1185, 0.3086, 0.3503

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4530, 0.3111, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1185, 0.3086, 0.3503 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 234) }
```

Border

The CSS property to change the border of an element to Yxy 94.1185, 0.3086, 0.3503 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, 234) }
```

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

```
.border{ border-color:rgb(229, 255, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1185, 0.3086, 0.3503 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, 234) }
```

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

```
.background{ background-color: rgb(229,  
255, 234) }
```

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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