

Converting Colors

$Yxy(94.0085, 0.3109, 0.3538)$

Have a look what the booklet for
Yxy(94.0085, 0.3109, 0.3538)
contains.

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Color

Yxy(94.1125, 0.3110, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFE7
RGB	230, 255, 231
RGB Percent	90%, 100%, 91%
CMY	0.0979, 0.0000, 0.0943
CMYK	0.10, 0.00, 0.09, 0.00
HSL	122°, 100%, 95%
HSV	122°, 10%, 100%
XYZ	82.8211, 94.1125, 89.3723
YIQ	244.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

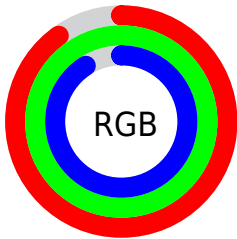
Format	Color
R_{YB}	230, 254, 255
Decimal	15138791
CIE _{Lab}	97.68, -12.42, 8.74
CIE _{LCh}	98, 15.183, 144.874
Yxy	94.1125, 0.3110, 0.3534
Android (android.graphics.Color)	4293328871 (0xFFE6FFE7)
YUV	244.7890, -6.7980, -12.9700
Hunter-Lab	97.0116, -17.3806, 13.2870

Details

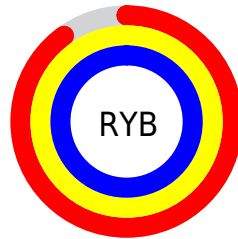
The Yxy color **94.1125, 0.3110, 0.3534** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.0354, 0.3144, 0.3058**, and the grayscale version is **91.1975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4820, 0.3105, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **88.9094, 0.3091, 0.3817**, and if you desaturate by 10%, it is **99.9998, 0.3127, 0.3290**.

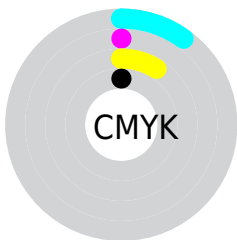
Distribution



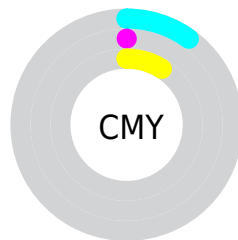
- Red (90%)
- Green (100%)
- Blue (91%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1125, 0.3110, 0.3534 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 94.1125, 0.3110, 0.3534 by changing the saturation by 10% instead.


 94.1125, 0.3110,
0.3534

 94.1125, 0.3110,
0.3534


541.3198, 0.3119,
0.3424

 71.3965, 0.3108,
0.3558


153.0379, 0.3113,
0.3497

 52.6659, 0.3105,
0.3588


190.0162, 0.3114,
0.3482

 37.5361, 0.3102,
0.3625


232.5173, 0.3115,
0.3469

 25.6228, 0.3097,
0.3673

280.9257, 0.3116,
0.3458

 16.5417, 0.3091,
0.3737

335.6257, 0.3117,
0.3448

 9.9083, 0.3081,
0.3825

397.0018, 0.3117,

 5.3382, 0.3065,

0.3439

0.3958

465.4384, 0.3118,
0.3431

■ 2.4470, 0.3035,
0.4176

■ 0.8499, 0.3023,
0.5092

■ 94.1125, 0.3110,
0.3534

■ 94.1125, 0.3110,
0.3534

■ 88.9094, 0.3091,
0.3817

99.9998, 0.3127,
0.3290

■ 84.4793, 0.3071,
0.4132

■ 80.7890, 0.3051,
0.4473

■ 77.7982, 0.3032,
0.4826

■ 75.4628, 0.3016,
0.5170

■ 73.7335, 0.3003,
0.5480

■ 72.5542, 0.2996,
0.5729

■ 71.8584, 0.2994,
0.5898

■ 71.5451, 0.2996,
0.5983

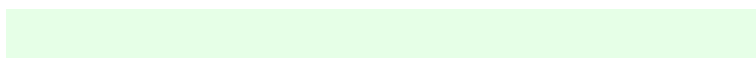
Harmonies

Analogous

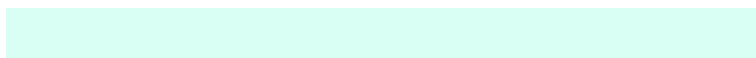
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1125, 0.3277, 0.3586



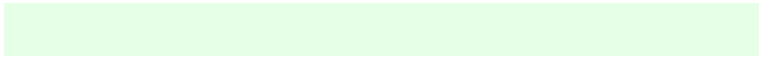
94.1125, 0.3110, 0.3534



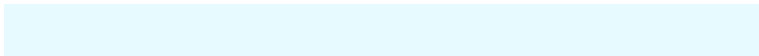
94.1125, 0.2951, 0.3411

Triad

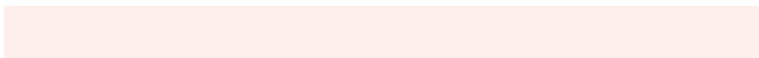
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1125, 0.3110, 0.3534



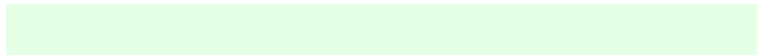
94.1125, 0.2853, 0.3027



94.1125, 0.3422, 0.3313

Complementary

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



94.1125, 0.3110, 0.3534



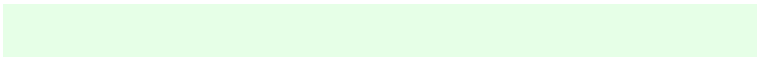
85.0354, 0.3144, 0.3058

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.



94.1125, 0.3302, 0.3172



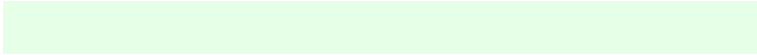
94.1125, 0.3110, 0.3534



94.1125, 0.2974, 0.3009

Square

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



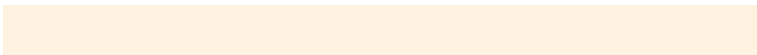
94.1125, 0.3110, 0.3534



94.1125, 0.2806, 0.3116



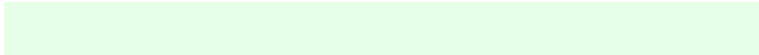
94.1125, 0.3138, 0.3062



94.1125, 0.3460, 0.3452

Rectangle

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



94.1125, 0.3110, 0.3534



94.1125, 0.2870, 0.3308



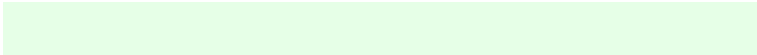
94.1125, 0.3138, 0.3062



94.1125, 0.3390, 0.3264

Sweetspot

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



94.1165, 0.3110, 0.3534



98.1124, 0.3122, 0.3361



98.3376, 0.3268, 0.3532



20.8948, 0.3121, 0.3381



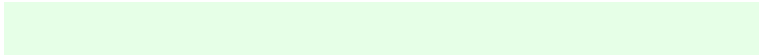
0.0000, 0.0000, 0.0000



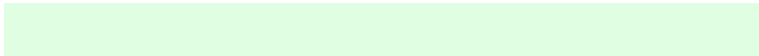
21.4041, 0.3127, 0.3290

Same Dimension

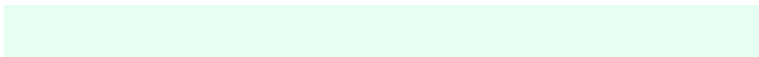
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1165, 0.3110, 0.3534



92.8967, 0.3106, 0.3594



94.8414, 0.3040, 0.3407



20.1791, 0.3111, 0.3526



37.3863, 0.2994, 0.5978



3.6438, 0.2979, 0.5924

Inverse Universe

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



85.0354, 0.3144, 0.3058



81.9338, 0.3148, 0.3004



84.2668, 0.3224, 0.3176



18.2881, 0.3144, 0.3064



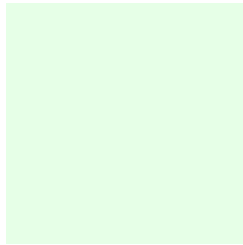
14.5766, 0.3304, 0.1594



1.4228, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 94.1125, 0.3110, 0.3534 looks on a white background.

Color Contrast Check

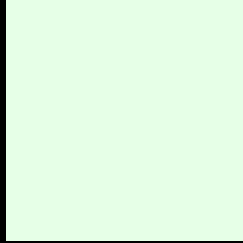
Large Text (above 18pt) WCAG AA × Fail

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 94.1125, 0.3110, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

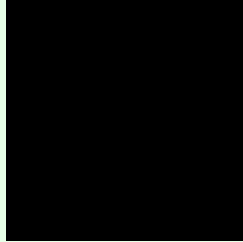
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

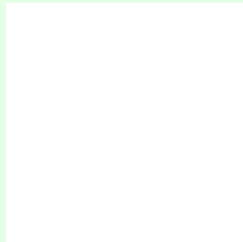
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1125, 0.3110, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 94.1125, 0.3110, 0.3534.

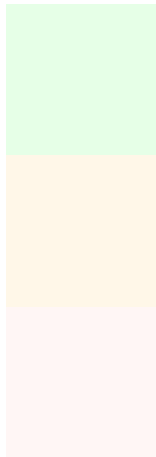


This preview shows how white text looks on a background with the Yxy color 94.1125, 0.3110, 0.3534.

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

94.1125, 0.3110, 0.3534

Protanopia

93.6077, 0.3270, 0.3437

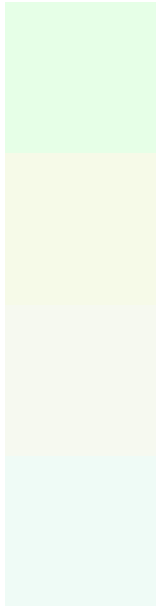
Deuteranopia

93.7641, 0.3191, 0.3300

Tritanopia

93.5879, 0.3061, 0.3222

Trichromacy



Original Color

94.1125, 0.3110, 0.3534

Protanomaly

93.7902, 0.3208, 0.3468

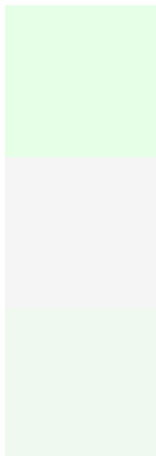
Deuteranomaly

93.6355, 0.3161, 0.3379

Tritanomaly

93.9989, 0.3081, 0.3339

Monochromacy



Original Color

94.1125, 0.3110, 0.3534

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5679, 0.3123, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1125, 0.3110, 0.3534 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(230, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 231)  
}
```

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(230, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 231) }
```

Border

The CSS property to change the border of an element to Yxy 94.1125, 0.3110, 0.3534 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(230, 255, 231) }
```

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

```
.border{ border-color:rgb(230, 255, 231) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1125, 0.3110, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 231) }
```

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

```
.background{ background-color: rgb(230,  
255, 231) }
```

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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