

Converting Colors

$Yxy(92.9036, 0.3118, 0.3610)$

Have a look what the booklet for
Yxy(92.9036, 0.3118, 0.3610)
contains.

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Color

Yxy(92.9094, 0.3118, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFE0
RGB	225, 255, 224
RGB Percent	88%, 100%, 88%
CMY	0.1179, 0.0000, 0.1216
CMYK	0.12, 0.00, 0.12, 0.00
HSL	118°, 100%, 94%
HSV	118°, 12%, 100%
XYZ	80.2470, 92.9094, 84.2104
YIQ	242.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

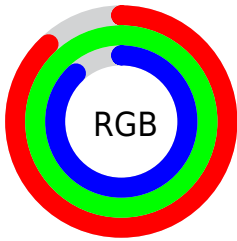
Format	Color
RYB	224, 255, 254
Decimal	14811104
CIELab	97.19, -15.32, 11.57
CIELCh	97, 19.201, 142.931
Yxy	92.9094, 0.3118, 0.3610
Android (android.graphics.Color)	4293001184 (0xFFE1FFE0)
YUV	242.4960, -9.1185, -15.3440
Hunter-Lab	96.3895, -20.0755, 15.6741

Details

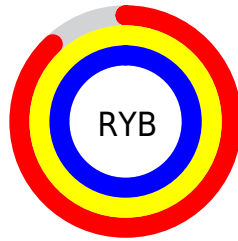
The Yxy color **92.9094, 0.3118, 0.3610** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.6022, 0.3135, 0.2989**, and the grayscale version is **89.2647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7988, 0.3117, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **87.9275, 0.3108, 0.3911**, and if you desaturate by 10%, it is **98.6491, 0.3126, 0.3343**.

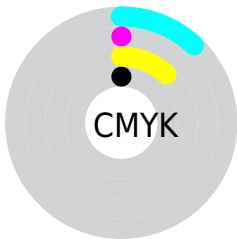
Distribution



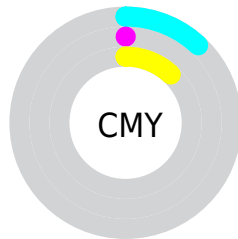
- Red (88%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9094, 0.3118, 0.3610 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 92.9094, 0.3118, 0.3610 by changing the saturation by 10% instead.


 92.9094, 0.3118,
0.3610

 92.9094, 0.3118,
0.3610


537.4503, 0.3124,
0.3465

 70.3962, 0.3116,
0.3642


151.3732, 0.3120,
0.3560

 51.8496, 0.3114,
0.3682


188.0925, 0.3121,
0.3541

 36.8852, 0.3111,
0.3732


230.3161, 0.3122,
0.3524

 25.1186, 0.3107,
0.3796

278.4282, 0.3122,
0.3509

 16.1655, 0.3101,
0.3882

332.8133, 0.3123,
0.3496

 9.6413, 0.3091,
0.4002

393.8557, 0.3123,

 5.1618, 0.3073,

0.3485

0.4183

461.9399, 0.3123,
0.3474

■ 2.3425, 0.3035,
0.4485

■ 0.7961, 0.3095,
0.6439

■ 92.9094, 0.3118,
0.3610

■ 92.9094, 0.3118,
0.3610

■ 87.9275, 0.3108,
0.3911

■ 98.6491, 0.3126,
0.3343

■ 83.7068, 0.3097,
0.4243

100.0000, 0.3127,
0.3290

■ 80.1987, 0.3083,
0.4598

■ 77.3637, 0.3068,
0.4957

■ 75.1589, 0.3052,
0.5298

■ 73.5360, 0.3036,
0.5592

■ 72.4401, 0.3021,
0.5813

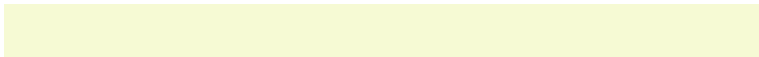
■ 71.8056, 0.3010,
0.5946

■ 71.5703, 0.3004,
0.5997

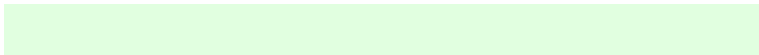
Harmonies

Analogous

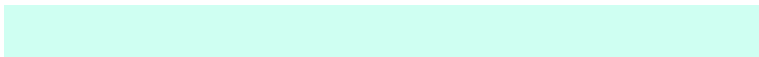
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9094, 0.3328, 0.3668



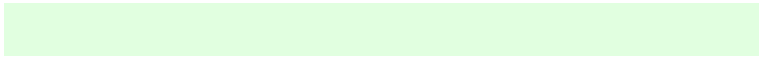
92.9094, 0.3118, 0.3610



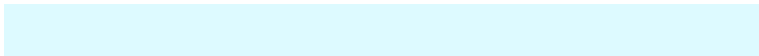
92.9094, 0.2915, 0.3456

Triad

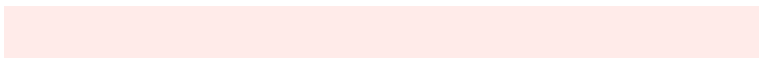
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9094, 0.3118, 0.3610



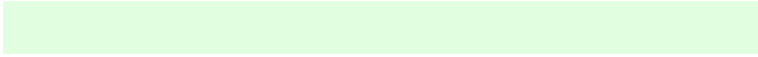
92.9094, 0.2774, 0.2962



92.9094, 0.3495, 0.3305

Complementary

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



92.9094, 0.3118, 0.3610



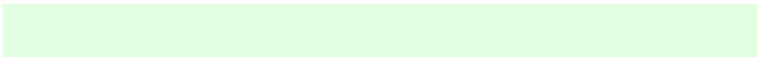
81.6022, 0.3135, 0.2989

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.



92.9094, 0.3337, 0.3130



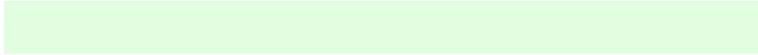
92.9094, 0.3118, 0.3610



92.9094, 0.2920, 0.2935

Square

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



92.9094, 0.3118, 0.3610



92.9094, 0.2721, 0.3077



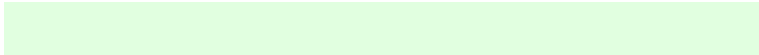
92.9094, 0.3125, 0.2997



92.9094, 0.3551, 0.3482

Rectangle

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



92.9094, 0.3118, 0.3610



92.9094, 0.2810, 0.3325



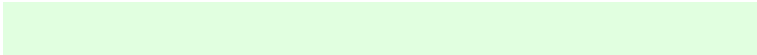
92.9094, 0.3125, 0.2997



92.9094, 0.3452, 0.3244

Sweetspot

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



92.8970, 0.3118, 0.3610



97.5329, 0.3124, 0.3389



97.5029, 0.3311, 0.3582



20.7799, 0.3124, 0.3409



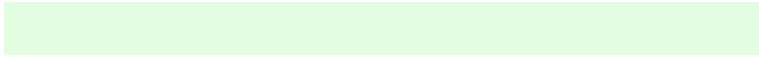
0.0000, 0.0000, 0.0000



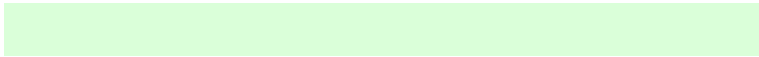
21.4041, 0.3127, 0.3290

Same Dimension

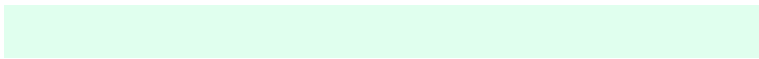
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8970, 0.3118, 0.3610



91.4096, 0.3115, 0.3692



93.5643, 0.3031, 0.3458



20.1946, 0.3120, 0.3535



37.4084, 0.3006, 0.5995



3.6512, 0.3021, 0.5983

Inverse Universe

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



81.6022, 0.3135, 0.2989



77.7560, 0.3136, 0.2917



80.8840, 0.3236, 0.3127



18.2704, 0.3133, 0.3056



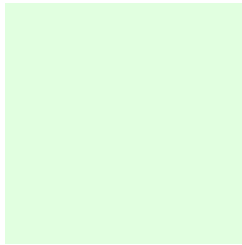
14.1377, 0.3133, 0.1500



1.3851, 0.3142, 0.1505

Previews

White Background



This preview shows how the Yxy color 92.9094, 0.3118, 0.3610 looks on a white background.

Color Contrast Check

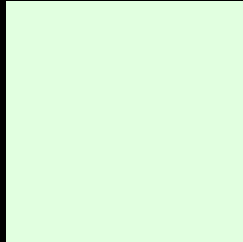
Large Text (above 18pt) WCAG AA × Fail

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 92.9094, 0.3118, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

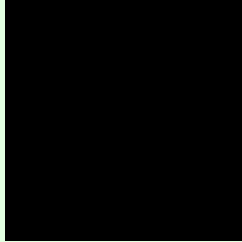
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

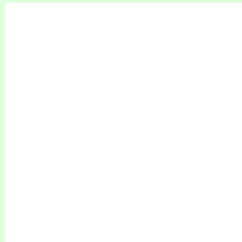
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9094, 0.3118, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 92.9094, 0.3118, 0.3610.

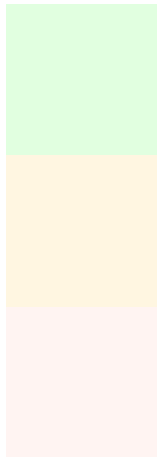


This preview shows how white text looks on a background with the Yxy color 92.9094, 0.3118, 0.3610.

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

92.9094, 0.3118, 0.3610

Protanopia

92.6078, 0.3314, 0.3496

Deuteranopia

92.3722, 0.3211, 0.3310

Tritanopia

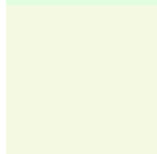
92.4423, 0.3043, 0.3211

Trichromacy



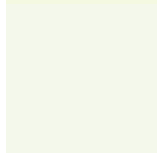
Original Color

92.9094, 0.3118, 0.3610



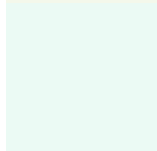
Protanomaly

92.4207, 0.3238, 0.3530



Deuteranomaly

92.3661, 0.3179, 0.3419



Tritanomaly

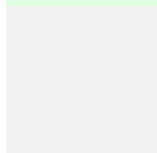
92.5650, 0.3068, 0.3350

Monochromacy



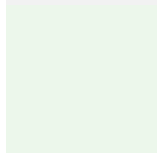
Original Color

92.9094, 0.3118, 0.3610



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3526, 0.3128, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9094, 0.3118, 0.3610 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(225, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 224)  
}
```

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(225, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 92.9094, 0.3118, 0.3610 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(225, 255, 224) }
```

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

```
.border{ border-color:rgb(225, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(225, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9094, 0.3118, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 224) }
```

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

```
.background{ background-color: rgb(225,  
255, 224) }
```

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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