

# Converting Colors

Yxy(91.2462, 0.3116, 0.3557)

Have a look what the booklet for  
Yxy(91.2462, 0.3116, 0.3557)  
contains.

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# Color

**Yxy(91.2805, 0.3115, 0.3558)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FCE2
RGB	226, 252, 226
RGB Percent	89%, 99%, 89%
CMY	0.1135, 0.0118, 0.1137
CMYK	0.10, 0.00, 0.10, 0.01
HSL	120°, 81%, 94%
HSV	120°, 10%, 99%
XYZ	79.9153, 91.2805, 85.3542
YIQ	241.2620, -7.1500, -13.5980

# Conversions

## Conversions Part 2

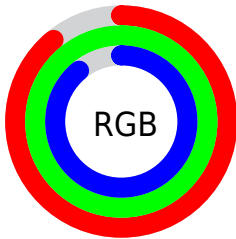
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 252, 252
Decimal	14875874
CIE Lab	96.53, -13.10, 9.60
CIE LCh	97, 16.244, 143.777
Yxy	91.2805, 0.3115, 0.3558
Android (android.graphics.Color)	4293065954 (0xFFE2FCE2)
YUV	241.2620, -7.5242, -13.3848
Hunter-Lab	95.5408, -17.8897, 13.9101

# Details

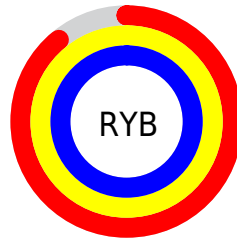
The Yxy color **91.2805, 0.3115, 0.3558** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.0996, 0.3139, 0.3036**, and the grayscale version is **88.2544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6284, 0.3112, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **86.2297, 0.3101, 0.3854**, and if you desaturate by 10%, it is **97.1381, 0.3127, 0.3298**.

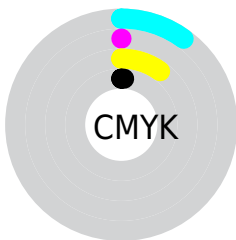
# Distribution



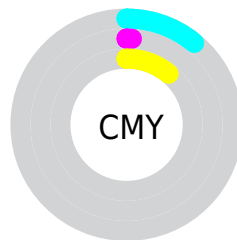
- Red (89%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)




- Cyan (11%)
- Magenta (1%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2805, 0.3115, 0.3558 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 91.2805, 0.3115, 0.3558 by changing the saturation by 10% instead.



 91.2805, 0.3115,  
0.3558

 91.2805, 0.3115,  
0.3558

532.1875, 0.3122,  
0.3437

 69.0432, 0.3113,  
0.3585


149.1158, 0.3117,  
0.3516

 50.7469, 0.3111,  
0.3618


185.4826, 0.3118,  
0.3500

 36.0072, 0.3108,  
0.3660


227.3279, 0.3119,  
0.3486

 24.4398, 0.3104,  
0.3714

275.0363, 0.3120,  
0.3474

 15.6602, 0.3098,  
0.3786

328.9920, 0.3120,  
0.3463

 9.2840, 0.3089,  
0.3887

389.5795, 0.3121,

 4.9269, 0.3073,

0.3453

0.4039

457.1832, 0.3121,  
0.3444

■ 2.2044, 0.3042,  
0.4296

■ 0.7224, 0.3044,  
0.5997

■ 91.2805, 0.3115,  
0.3558

■ 91.2805, 0.3115,  
0.3558

■ 86.2297, 0.3101,  
0.3854

■ 97.1381, 0.3127,  
0.3298


■ 81.9394, 0.3086,  
0.4183


■ 98.0948, 0.3129,  
0.3261


■ 78.3763, 0.3070,  
0.4536


■ 75.5000, 0.3053,  
0.4899

 73.2664, 0.3037,  
0.5247

 71.6262, 0.3022,  
0.5552

 70.5228, 0.3011,  
0.5787

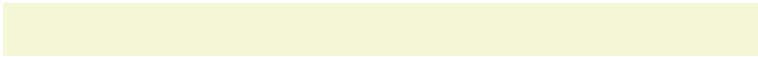
 69.8889, 0.3004,  
0.5934

 69.6190, 0.3000,  
0.6000

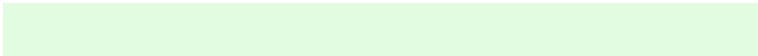
# Harmonies

## Analogous

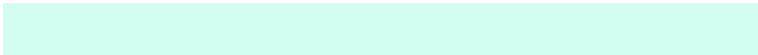
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2805, 0.3295, 0.3610



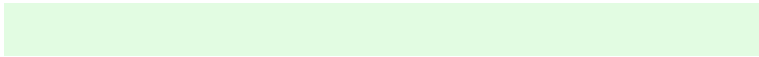
91.2805, 0.3115, 0.3558



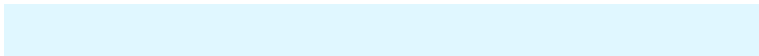
91.2805, 0.2943, 0.3427

# Triad

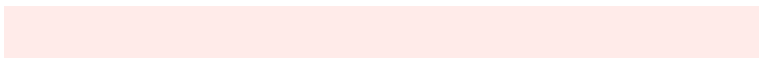
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2805, 0.3115, 0.3558



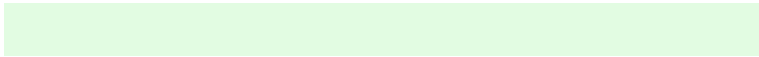
91.2805, 0.2828, 0.3008



91.2805, 0.3442, 0.3308

# Complementary

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



91.2805, 0.3115, 0.3558



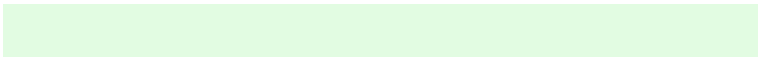
82.0996, 0.3139, 0.3036

# 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.



91.2805, 0.3311, 0.3157



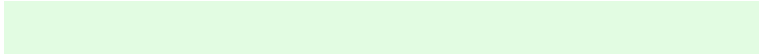
91.2805, 0.3115, 0.3558



91.2805, 0.2955, 0.2987

# Square

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



91.2805, 0.3115, 0.3558



91.2805, 0.2780, 0.3106



91.2805, 0.3131, 0.3041

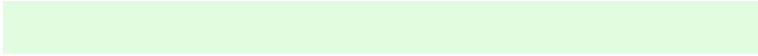


91.2805, 0.3487, 0.3459



# Rectangle

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



91.2805, 0.3115, 0.3558



91.2805, 0.2854, 0.3316



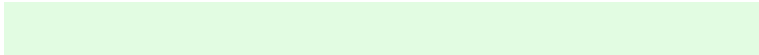
91.2805, 0.3131, 0.3041



91.2805, 0.3407, 0.3256

# Sweetspot

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



91.2844, 0.3115, 0.3558



98.0984, 0.3124, 0.3364



95.5275, 0.3282, 0.3541



20.8911, 0.3123, 0.3384



0.0000, 0.0000, 0.0000

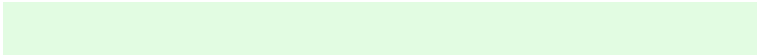


21.4041, 0.3127, 0.3290

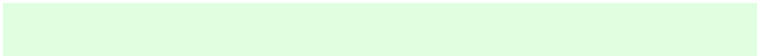


# Same Dimension

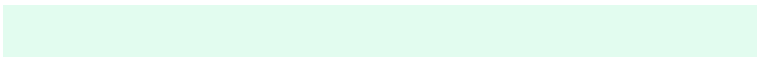
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2844, 0.3115, 0.3558



92.8473, 0.3113, 0.3606



91.9890, 0.3043, 0.3427



19.3113, 0.3116, 0.3535



36.2693, 0.3001, 0.6000



3.3599, 0.3002, 0.5999



# Inverse Universe

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



82.0996, 0.3139, 0.3036



81.9918, 0.3141, 0.2993



81.3415, 0.3221, 0.3157



17.5222, 0.3138, 0.3056



14.3805, 0.3203, 0.1538

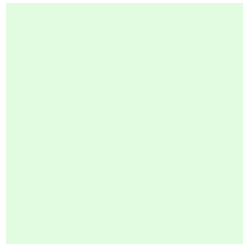


1.3326, 0.3204, 0.1539



# Previews

## White Background



This preview shows how the Yxy color 91.2805, 0.3115, 0.3558 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

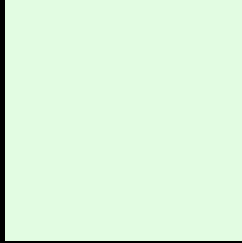
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 91.2805, 0.3115, 0.3558 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

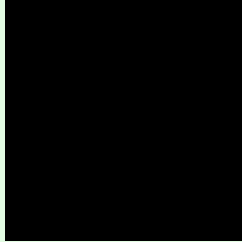
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

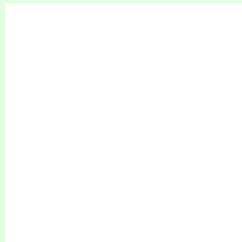
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 91.2805, 0.3115, 0.3558**

## **Background**



This preview shows how black text looks on a background with the Yxy color 91.2805, 0.3115, 0.3558.

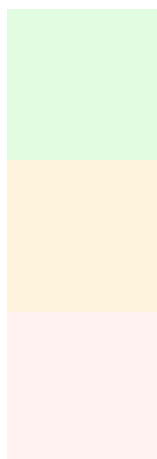


This preview shows how white text looks on a background with the Yxy color 91.2805, 0.3115, 0.3558.

# 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

91.2805, 0.3115, 0.3558

### Protanopia

91.0461, 0.3329, 0.3507

### Deuteranopia

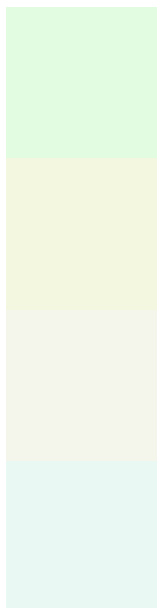
91.0555, 0.3225, 0.3310



## Tritanopia

90.8755, 0.3030, 0.3191

# Trichromacy



## Original Color

91.2805, 0.3115, 0.3558

## Protanomaly

91.0823, 0.3252, 0.3531

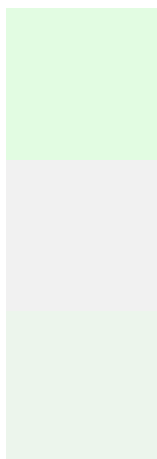
## Deuteranomaly

91.1428, 0.3180, 0.3400

## Tritanomaly

91.1589, 0.3062, 0.3330

# Monochromacy



## Original Color

91.2805, 0.3115, 0.3558

## Achromatopsia

87.9622, 0.3127, 0.3290

## Achromatomaly

89.1938, 0.3123, 0.3381

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 91.2805, 0.3115, 0.3558 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(226, 252, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 252, 226)  
}
```

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(226, 252, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 252, 226) }
```

## Border

The CSS property to change the border of an element to Yxy 91.2805, 0.3115, 0.3558 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(226, 252, 226) }
```

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

```
.border{ border-color:rgb(226, 252, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 252, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 252, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 252, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 252,  
226) }
```



# Background

The CSS property to change the background color of an element to Yxy 91.2805, 0.3115, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 252, 226) }
```

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

```
.background{ background-color: rgb(226,  
252, 226) }
```

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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