

Converting Colors

$Yxy(93.0840, 0.3098, 0.3573)$

Have a look what the booklet for
Yxy(93.0840, 0.3098, 0.3573)
contains.

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Color

Yxy(93.0736, 0.3101, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFE3
RGB	225, 255, 227
RGB Percent	88%, 100%, 89%
CMY	0.1178, 0.0000, 0.1098
CMYK	0.12, 0.00, 0.11, 0.00
HSL	124°, 100%, 94%
HSV	124°, 12%, 100%
XYZ	80.6655, 93.0736, 86.3883
YIQ	242.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

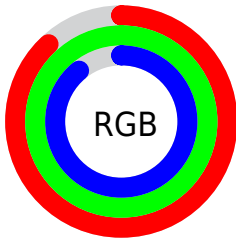
Format	Color
R_{YB}	225, 253, 255
Decimal	14811107
CIE _{Lab}	97.26, -14.79, 10.12
CIE _{LCh}	97, 17.919, 145.616
Yxy	93.0736, 0.3101, 0.3578
Android (android.graphics.Color)	4293001187 (0xFFE1FFE3)
YUV	242.8380, -7.8081, -15.6439
Hunter-Lab	96.4747, -19.5811, 14.4410

Details

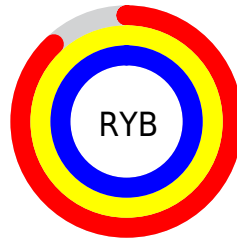
The Yxy color **93.0736, 0.3101, 0.3578** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.1736, 0.3154, 0.3018**, and the grayscale version is **89.5486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9128, 0.3095, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **88.0477, 0.3078, 0.3858**, and if you desaturate by 10%, it is **98.8779, 0.3123, 0.3331**.

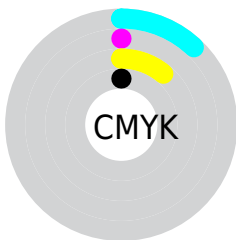
Distribution



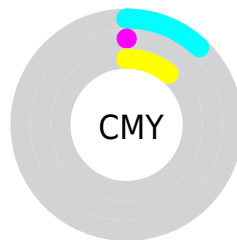
- Red (88%)
- Green (100%)
- Blue (89%)



- Red (88%)
- Yellow (99%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0736, 0.3101, 0.3578 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 93.0736, 0.3101, 0.3578 by changing the saturation by 10% instead.

 93.0736, 0.3101,
0.3578

 93.0736, 0.3101,
0.3578


537.9793, 0.3114,
0.3448

 70.5327, 0.3098,
0.3607


151.6005, 0.3106,
0.3533

 51.9609, 0.3094,
0.3643


188.3553, 0.3107,
0.3516

 36.9739, 0.3089,
0.3687


230.6168, 0.3109,
0.3501

 25.1873, 0.3082,
0.3744

278.7694, 0.3110,
0.3488

 16.2167, 0.3072,
0.3821

333.1976, 0.3111,
0.3476

 9.6776, 0.3058,
0.3929

394.2857, 0.3112,

 5.1857, 0.3034,

0.3465

0.4090

462.4181, 0.3113,
0.3456

■ 2.3566, 0.2989,
0.4360

■ 0.8034, 0.2932,
0.5850

■ 93.0736, 0.3101,
0.3578

■ 93.0736, 0.3101,
0.3578

■ 88.0477, 0.3078,
0.3858

■ 98.8779, 0.3123,
0.3331

■ 83.7877, 0.3054,
0.4168

100.0000, 0.3127,
0.3290

■ 80.2493, 0.3031,
0.4502

■ 77.3926, 0.3011,
0.4846

■ 75.1735, 0.2995,
0.5181

■ 73.5431, 0.2985,
0.5482

■ 72.4450, 0.2982,
0.5725

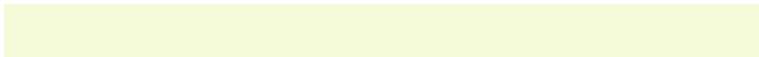
■ 71.8121, 0.2986,
0.5891

■ 71.5618, 0.2991,
0.5969

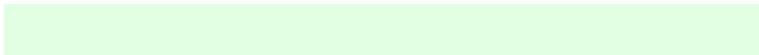
Harmonies

Analogous

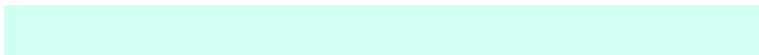
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0736, 0.3299, 0.3641



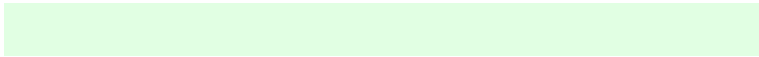
93.0736, 0.3101, 0.3578



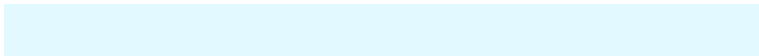
93.0736, 0.2915, 0.3429

Triad

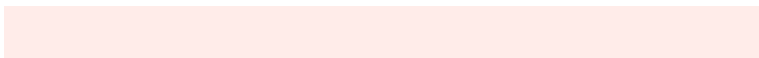
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0736, 0.3101, 0.3578



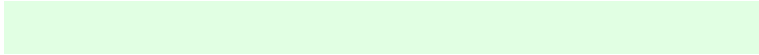
93.0736, 0.2806, 0.2978



93.0736, 0.3479, 0.3320

Complementary

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



93.0736, 0.3101, 0.3578



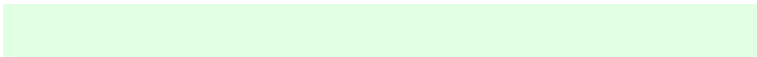
82.1736, 0.3154, 0.3018

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.



93.0736, 0.3339, 0.3154



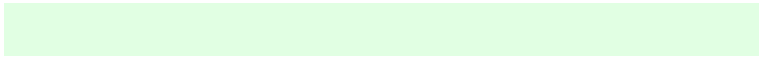
93.0736, 0.3101, 0.3578



93.0736, 0.2949, 0.2960

Square

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



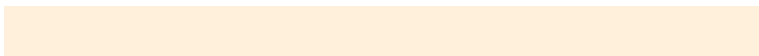
93.0736, 0.3101, 0.3578



93.0736, 0.2748, 0.3079



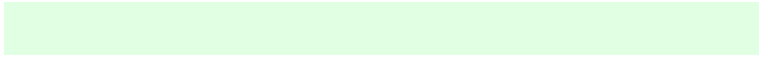
93.0736, 0.3144, 0.3024



93.0736, 0.3521, 0.3484

Rectangle

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



93.0736, 0.3101, 0.3578



93.0736, 0.2821, 0.3306



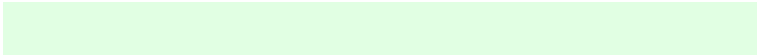
93.0736, 0.3144, 0.3024



93.0736, 0.3442, 0.3263

Sweetspot

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



93.0663, 0.3101, 0.3578



97.5195, 0.3118, 0.3383



97.8357, 0.3291, 0.3583



20.7765, 0.3117, 0.3401



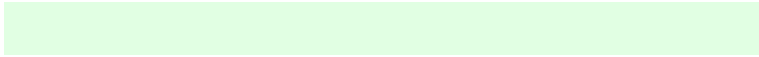
0.0000, 0.0000, 0.0000



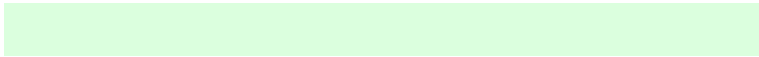
21.4041, 0.3127, 0.3290

Same Dimension

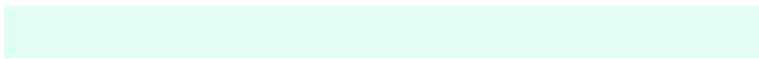
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0663, 0.3101, 0.3578



91.8865, 0.3096, 0.3637



93.9296, 0.3017, 0.3422



20.1883, 0.3106, 0.3519



37.3999, 0.2988, 0.5958



3.6482, 0.2962, 0.5862

Inverse Universe

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



82.1736, 0.3154, 0.3018



79.1437, 0.3159, 0.2966



81.2565, 0.3252, 0.3162



18.2777, 0.3149, 0.3072



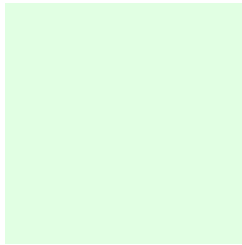
14.3309, 0.3389, 0.1640



1.4015, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 93.0736, 0.3101, 0.3578 looks on a white background.

Color Contrast Check

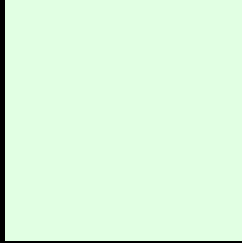
Large Text (above 18pt) WCAG AA × Fail

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 93.0736, 0.3101, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

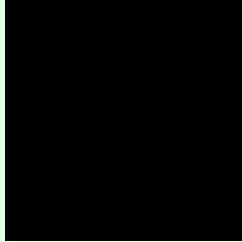
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

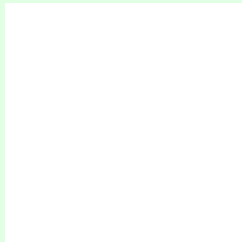
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0736, 0.3101, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 93.0736, 0.3101, 0.3578.

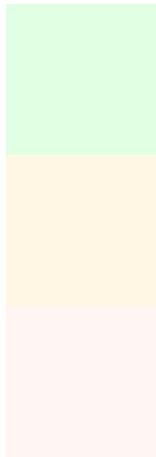


This preview shows how white text looks on a background with the Yxy color 93.0736, 0.3101, 0.3578.

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

93.0736, 0.3101, 0.3578

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

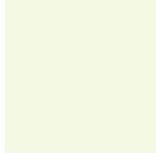
93.0556, 0.3042, 0.3221

Trichromacy



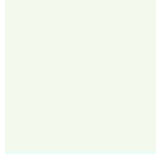
Original Color

93.0736, 0.3101, 0.3578



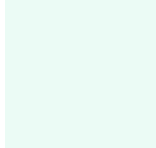
Protanomaly

92.5305, 0.3226, 0.3510



Deuteranomaly

93.0989, 0.3166, 0.3409



Tritanomaly

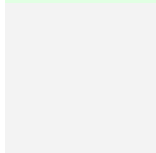
93.2491, 0.3062, 0.3350

Monochromacy



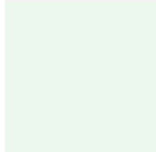
Original Color

93.0736, 0.3101, 0.3578



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.4688, 0.3116, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0736, 0.3101, 0.3578 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 93.0736, 0.3101, 0.3578 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, 227) }
```

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

```
.border{ border-color:rgb(225, 255, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0736, 0.3101, 0.3578 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, 227) }
```

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

```
.background{ background-color: rgb(225,  
255, 227) }
```

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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