

Converting Colors

$Y_{xy}(93.1039, 0.3113, 0.3592)$

Have a look what the booklet for
Yxy(93.1039, 0.3113, 0.3592)
contains.

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Color

Yxy(93.1797, 0.3113, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFE2
RGB	226, 255, 226
RGB Percent	89%, 100%, 89%
CMY	0.1138, 0.0000, 0.1137
CMYK	0.11, 0.00, 0.11, 0.00
HSL	120°, 100%, 94%
HSV	120°, 11%, 100%
XYZ	80.8440, 93.1797, 85.6744
YIQ	243.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

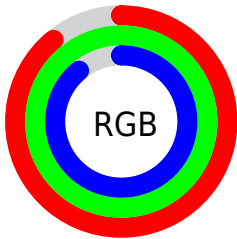
Format	Color
R_{YB}	226, 255, 255
Decimal	14876642
CIE _{Lab}	97.30, -14.62, 10.71
CIE _{LCh}	97, 18.124, 143.796
Yxy	93.1797, 0.3113, 0.3588
Android (android.graphics.Color)	4293066722 (0xFFE2FFE2)
YUV	243.0230, -8.3923, -14.9292
Hunter-Lab	96.5296, -19.4322, 14.9482

Details

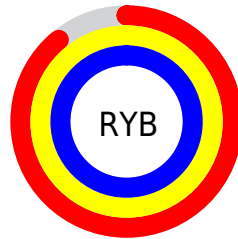
The Yxy color **93.1797, 0.3113, 0.3588** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.8548, 0.3141, 0.3009**, and the grayscale version is **89.7116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9864, 0.3110, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **88.0590, 0.3099, 0.3888**, and if you desaturate by 10%, it is **99.1117, 0.3126, 0.3324**.

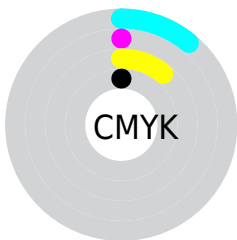
Distribution



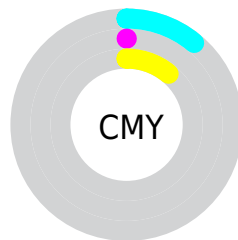
- Red (89%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1797, 0.3113, 0.3588 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 93.1797, 0.3113, 0.3588 by changing the saturation by 10% instead.


 93.1797, 0.3113,
0.3588

 93.1797, 0.3113,
0.3588


538.3209, 0.3121,
0.3453

 70.6209, 0.3111,
0.3618


151.7474, 0.3116,
0.3542

 52.0329, 0.3108,
0.3655


188.5250, 0.3117,
0.3524

 37.0313, 0.3105,
0.3701


230.8110, 0.3118,
0.3508

 25.2317, 0.3100,
0.3760

278.9899, 0.3119,
0.3494

 16.2498, 0.3093,
0.3839

333.4459, 0.3119,
0.3482

 9.7011, 0.3083,
0.3951

394.5635, 0.3120,

 5.2012, 0.3064,

0.3472

0.4118

462.7270, 0.3120,
0.3462

■ 2.3658, 0.3027,
0.4396

■ 0.8082, 0.3044,
0.5983

■ 93.1797, 0.3113,
0.3588

■ 93.1797, 0.3113,
0.3588

■ 88.0590, 0.3099,
0.3888

■ 99.1117, 0.3126,
0.3324

■ 83.7277, 0.3083,
0.4220

100.0000, 0.3127,
0.3290

■ 80.1423, 0.3066,
0.4575

■ 77.2607, 0.3049,
0.4938

■ 75.0367, 0.3033,
0.5283

■ 73.4184, 0.3019,
0.5581

■ 72.3463, 0.3009,
0.5807

■ 71.7490, 0.3002,
0.5945

■ 71.5206, 0.3000,
0.6000

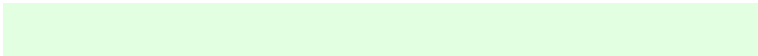
Harmonies

Analogous

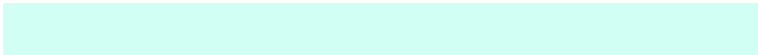
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1797, 0.3312, 0.3646



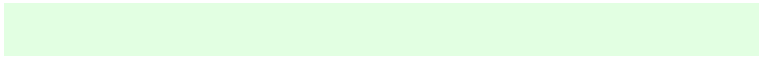
93.1797, 0.3113, 0.3588



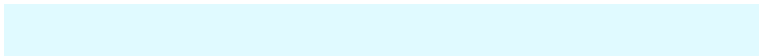
93.1797, 0.2922, 0.3442

Triad

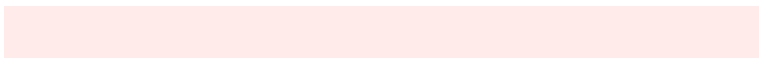
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.1797, 0.3113, 0.3588



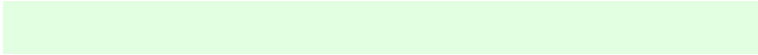
93.1797, 0.2797, 0.2978



93.1797, 0.3477, 0.3309

Complementary

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



93.1797, 0.3113, 0.3588



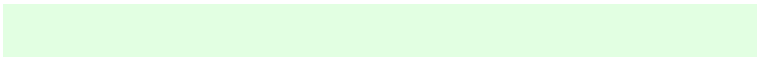
82.8548, 0.3141, 0.3009

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.



93.1797, 0.3330, 0.3143



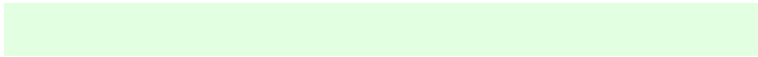
93.1797, 0.3113, 0.3588



93.1797, 0.2937, 0.2955

Square

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



93.1797, 0.3113, 0.3588



93.1797, 0.2744, 0.3085



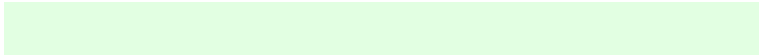
93.1797, 0.3131, 0.3015



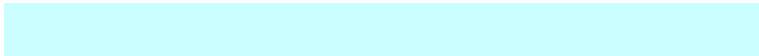
93.1797, 0.3526, 0.3476

Rectangle

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



93.1797, 0.3113, 0.3588



93.1797, 0.2825, 0.3318



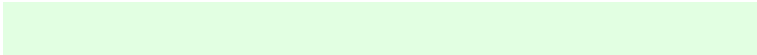
93.1797, 0.3131, 0.3015



93.1797, 0.3437, 0.3252

Sweetspot

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



93.1750, 0.3113, 0.3588



98.0954, 0.3124, 0.3364



98.2694, 0.3298, 0.3572



20.8903, 0.3123, 0.3384



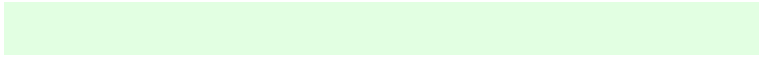
0.0000, 0.0000, 0.0000



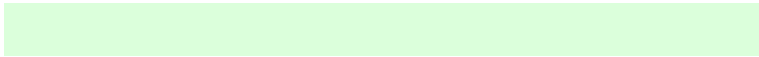
21.4041, 0.3127, 0.3290

Same Dimension

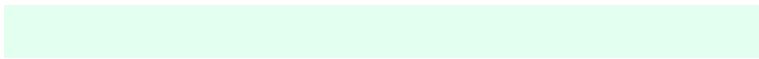
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1750, 0.3113, 0.3588



91.7588, 0.3109, 0.3663



94.0042, 0.3032, 0.3437



20.1685, 0.3115, 0.3536



37.3712, 0.3000, 0.5999



3.6388, 0.2999, 0.5998

Inverse Universe

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



82.8548, 0.3141, 0.3009



79.2974, 0.3144, 0.2943



81.9569, 0.3235, 0.3148



18.3001, 0.3138, 0.3056



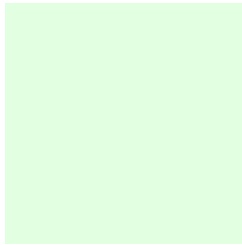
14.8730, 0.3212, 0.1543



1.4482, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 93.1797, 0.3113, 0.3588 looks on a white background.

Color Contrast Check

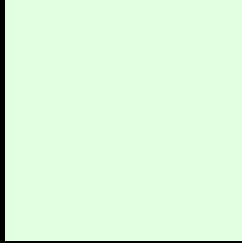
Large Text (above 18pt) WCAG AA × Fail

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 93.1797, 0.3113, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

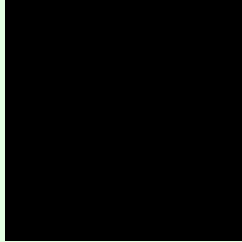
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

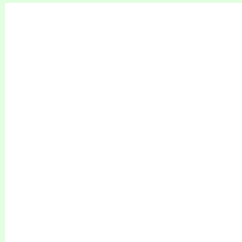
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1797, 0.3113, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 93.1797, 0.3113, 0.3588.

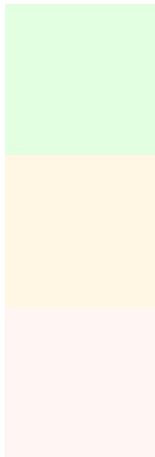


This preview shows how white text looks on a background with the Yxy color 93.1797, 0.3113, 0.3588.

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

93.1797, 0.3113, 0.3588

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

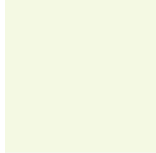
93.2320, 0.3049, 0.3221

Trichromacy



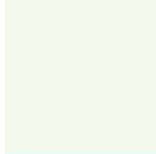
Original Color

93.1797, 0.3113, 0.3588



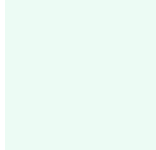
Protanomaly

92.5305, 0.3226, 0.3510



Deuteranomaly

93.0989, 0.3166, 0.3409



Tritanomaly

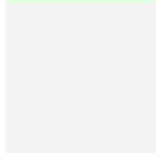
93.3589, 0.3074, 0.3360

Monochromacy



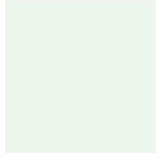
Original Color

93.1797, 0.3113, 0.3588



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6405, 0.3122, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1797, 0.3113, 0.3588 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, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 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, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 93.1797, 0.3113, 0.3588 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, 255, 226) }
```

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

```
.border{ border-color:rgb(226, 255, 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, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1797, 0.3113, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 226) }
```

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

```
.background{ background-color: rgb(226,  
255, 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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