

Converting Colors

$Yxy(93.8769, 0.3029, 0.3441)$

Have a look what the booklet for
Yxy(93.8769, 0.3029, 0.3441)
contains.

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Color

Yxy(93.8188, 0.3028, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFF0
RGB	225, 255, 240
RGB Percent	88%, 100%, 94%
CMY	0.1178, 0.0000, 0.0587
CMYK	0.12, 0.00, 0.06, 0.00
HSL	150°, 100%, 94%
HSV	150°, 12%, 100%
XYZ	82.5344, 93.8188, 96.2174
YIQ	244.3200, -13.0650, -11.0250

Conversions

Conversions Part 2

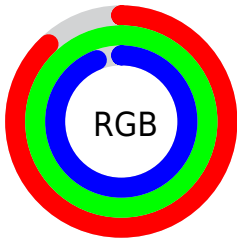
Format	Color
R_{YB}	225, 245, 255
Decimal	14811120
CIE _{Lab}	97.56, -12.46, 3.87
CIE _{LCh}	98, 13.046, 162.754
Yxy	93.8188, 0.3028, 0.3442
Android (android.graphics.Color)	4293001200 (0xFFE1FFF0)
YUV	244.3200, -2.1298, -16.9436
Hunter-Lab	96.8601, -17.4056, 8.9055

Details

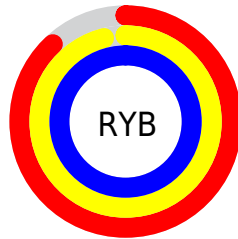
The Yxy color **93.8188, 0.3028, 0.3442** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3797, 0.3239, 0.3143**, and the grayscale version is **90.7550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3949, 0.3010, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **89.2895, 0.2947, 0.3587**, and if you desaturate by 10%, it is **99.0055, 0.3112, 0.3312**.

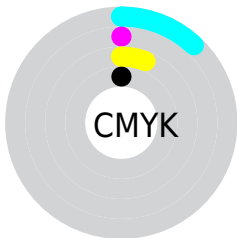
Distribution



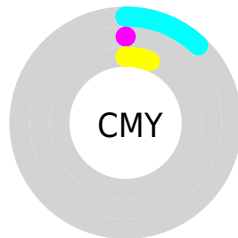
- Red (88%)
- Green (100%)
- Blue (94%)



- Red (88%)
- Yellow (96%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8188, 0.3028, 0.3442 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 93.8188, 0.3028, 0.3442 by changing the saturation by 10% instead.


 93.8188, 0.3028,
0.3442

 93.8188, 0.3028,
0.3442

540.3765, 0.3072,
0.3374

 71.1523, 0.3018,
0.3457


152.6317, 0.3043,
0.3419

 52.4665, 0.3006,
0.3475


189.5469, 0.3049,
0.3410

 37.3770, 0.2992,
0.3498


231.9804, 0.3054,
0.3402

 25.4995, 0.2973,
0.3527

280.3166, 0.3059,
0.3395

 16.4496, 0.2948,
0.3566

334.9399, 0.3063,
0.3389

 9.8429, 0.2913,
0.3620

396.2348, 0.3066,

 5.2949, 0.2862,

0.3383

0.3700

464.5855, 0.3069,
0.3378

■ 2.4213, 0.2779,
0.3831

■ 0.8368, 0.2495,
0.4250

■ 93.8188, 0.3028,
0.3442

■ 93.8188, 0.3028,
0.3442

■ 89.2895, 0.2947,
0.3587

■ 99.0055, 0.3112,
0.3312

■ 85.4008, 0.2871,
0.3748

100.0000, 0.3127,
0.3290

■ 82.1187, 0.2804,
0.3922

■ 79.4105, 0.2748,
0.4108

■ 77.2403, 0.2708,
0.4302

■ 75.5680, 0.2687,
0.4501

■ 74.3476, 0.2685,
0.4698

■ 73.5238, 0.2704,
0.4888

■ 73.0754, 0.2732,
0.5035

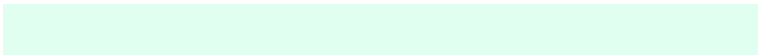
Harmonies

Analogous

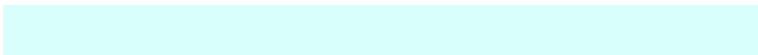
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8188, 0.3172, 0.3525



93.8188, 0.3028, 0.3442



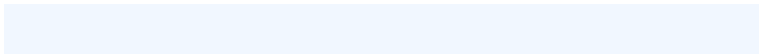
93.8188, 0.2912, 0.3316

Triad

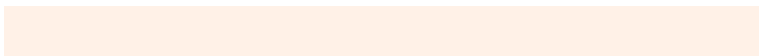
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8188, 0.3028, 0.3442



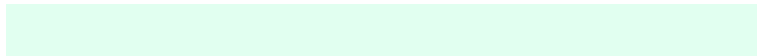
93.8188, 0.2947, 0.3046



93.8188, 0.3409, 0.3384

Complementary

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



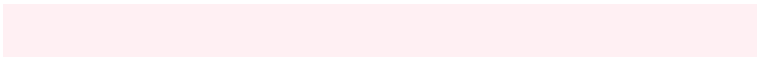
93.8188, 0.3028, 0.3442



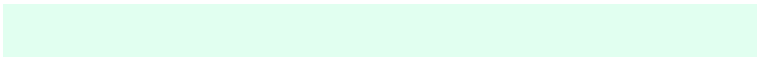
81.3797, 0.3239, 0.3143

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.



93.8188, 0.3346, 0.3259



93.8188, 0.3028, 0.3442



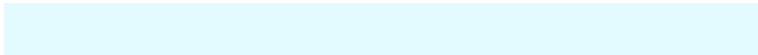
93.8188, 0.3077, 0.3068

Square

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



93.8188, 0.3028, 0.3442



93.8188, 0.2866, 0.3088



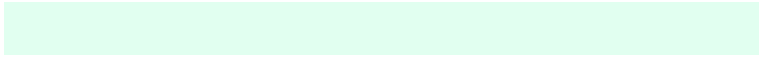
93.8188, 0.3223, 0.3145



93.8188, 0.3394, 0.3488

Rectangle

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



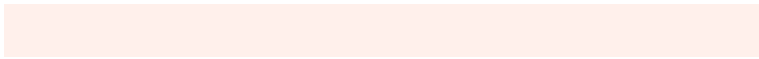
93.8188, 0.3028, 0.3442



93.8188, 0.2865, 0.3227



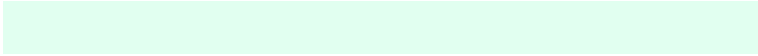
93.8188, 0.3223, 0.3145



93.8188, 0.3396, 0.3343

Sweetspot

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



93.8151, 0.3028, 0.3442



97.7933, 0.3093, 0.3339



95.4767, 0.3207, 0.3591



20.8456, 0.3087, 0.3349



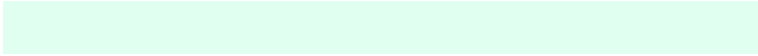
0.0000, 0.0000, 0.0000



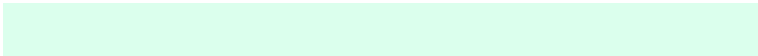
21.4041, 0.3127, 0.3290

Same Dimension

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



93.8151, 0.3028, 0.3442



92.7530, 0.3010, 0.3473



94.7421, 0.2946, 0.3289



20.3201, 0.3047, 0.3411



38.2137, 0.2724, 0.5006



3.7428, 0.2666, 0.4799

Inverse Universe

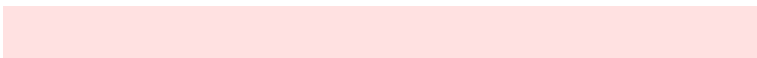
The Inverse Universe completely reimagines the original color for something new.



81.3797, 0.3239, 0.3143



78.1998, 0.3263, 0.3114



80.5265, 0.3340, 0.3291



18.1381, 0.3216, 0.3172



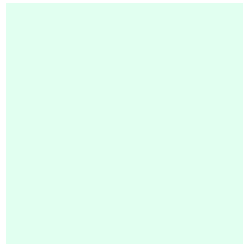
11.9412, 0.4971, 0.2512



1.1847, 0.4716, 0.2371

Previews

White Background



This preview shows how the Yxy color 93.8188, 0.3028, 0.3442 looks on a white background.

Color Contrast Check

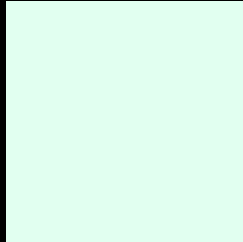
Large Text (above 18pt) WCAG AA × Fail

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 93.8188, 0.3028, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

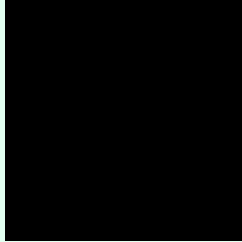
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

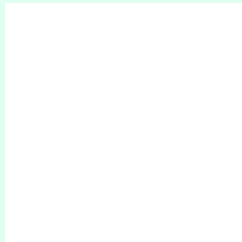
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8188, 0.3028, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 93.8188, 0.3028, 0.3442.

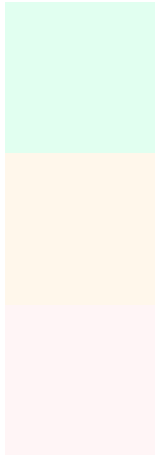


This preview shows how white text looks on a background with the Yxy color 93.8188, 0.3028, 0.3442.

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

93.8188, 0.3028, 0.3442

Protanopia

93.7797, 0.3251, 0.3407

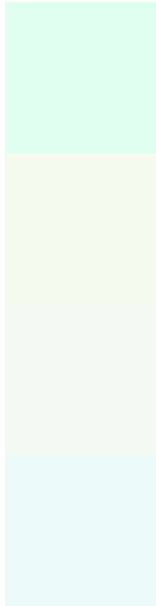
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

93.8188, 0.3028, 0.3442

Protanomaly

93.7187, 0.3166, 0.3419

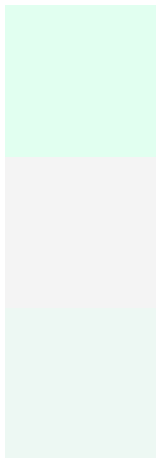
Deuteranomaly

93.5161, 0.3125, 0.3339

Tritanomaly

93.7294, 0.3040, 0.3300

Monochromacy



Original Color

93.8188, 0.3028, 0.3442

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.6104, 0.3087, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8188, 0.3028, 0.3442 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 93.8188, 0.3028, 0.3442 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, 240) }
```

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

```
.border{ border-color:rgb(225, 255, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8188, 0.3028, 0.3442 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, 240) }
```

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

```
.background{ background-color: rgb(225,  
255, 240) }
```

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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