

Converting Colors

$Yxy(96.7798, 0.2975, 0.3443)$

Have a look what the booklet for
Yxy(96.7798, 0.2975, 0.3443)
contains.

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Color

Yxy(93.4847, 0.2977, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFF5
RGB	221, 255, 245
RGB Percent	87%, 100%, 96%
CMY	0.1332, 0.0000, 0.0391
CMYK	0.13, 0.00, 0.04, 0.00
HSL	162°, 100%, 93%
HSV	162°, 13%, 100%
XYZ	82.0714, 93.4847, 100.1287
YIQ	243.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

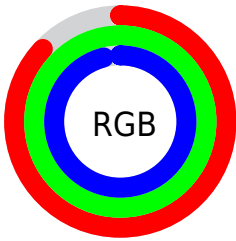
Format	Color
R_{YB}	221, 241, 255
Decimal	14548981
CIE _{Lab}	97.42, -12.77, 1.07
CIE _{LCh}	97, 12.816, 175.215
Y _{xy}	93.4847, 0.2977, 0.3391
Android (android.graphics.Color)	4292739061 (0xFFDDFFF5)
YUV	243.6940, 0.6439, -19.9026
Hunter-Lab	96.6875, -17.6867, 6.2810

Details

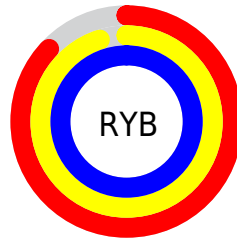
The Yxy color **93.4847, 0.2977, 0.3391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7599, 0.3303, 0.3191**, and the grayscale version is **90.2229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1693, 0.2946, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **89.3367, 0.2870, 0.3476**, and if you desaturate by 10%, it is **98.2669, 0.3089, 0.3314**.

Distribution



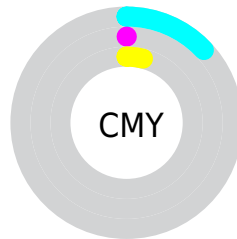
- Red (87%)
- Green (100%)
- Blue (96%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.4847, 0.2977, 0.3391 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 93.4847, 0.2977, 0.3391 by changing the saturation by 10% instead.

 93.4847, 0.2977,
0.3391

 93.4847, 0.2977,
0.3391


539.3025, 0.3044,
0.3346

 70.8744, 0.2962,
0.3401


152.1695, 0.3000,
0.3376

 52.2397, 0.2945,
0.3413


189.0128, 0.3008,
0.3370

 37.1962, 0.2923,
0.3428

231.3693, 0.3016,
0.3365

 25.3594, 0.2895,
0.3447

279.6233, 0.3023,
0.3360

 16.3451, 0.2858,
0.3472

334.1592, 0.3029,
0.3356

 9.7686, 0.2808,
0.3506

395.3614, 0.3034,

 5.2458, 0.2735,

0.3352

0.3557

463.6144, 0.3039,
0.3349

■ 2.3922, 0.2617,
0.3638

■ 0.8219, 0.2223,
0.3893

■ 93.4847, 0.2977,
0.3391

■ 93.4847, 0.2977,
0.3391

■ 89.3367, 0.2870,
0.3476

■ 98.2669, 0.3089,
0.3314

■ 85.7836, 0.2772,
0.3569

99.9964, 0.3127,
0.3290

■ 82.7997, 0.2685,
0.3668

■ 80.3529, 0.2613,
0.3773

■ 78.4075, 0.2559,
0.3883

■ 76.9237, 0.2524,
0.3995

■ 75.8554, 0.2509,
0.4108

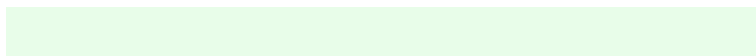
■ 75.1465, 0.2514,
0.4220

■ 74.8192, 0.2526,
0.4294

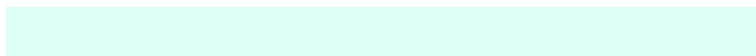
Harmonies

Analogous

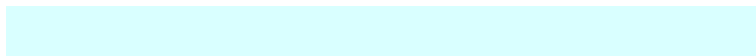
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4847, 0.3112, 0.3495



93.4847, 0.2977, 0.3391



93.4847, 0.2884, 0.3260

Triad

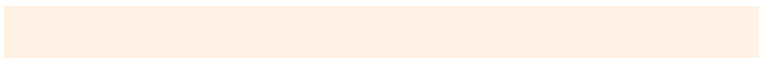
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.4847, 0.2977, 0.3391



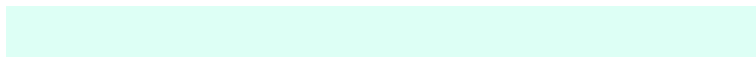
93.4847, 0.2999, 0.3052



93.4847, 0.3408, 0.3429

Complementary

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



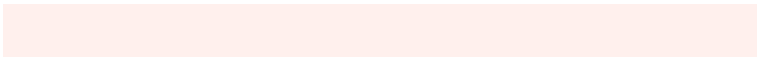
93.4847, 0.2977, 0.3391



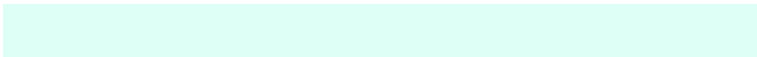
78.7599, 0.3303, 0.3191

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.



93.4847, 0.3377, 0.3311



93.4847, 0.2977, 0.3391



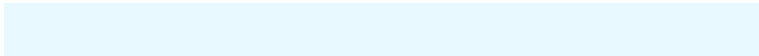
93.4847, 0.3138, 0.3097

Square

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



93.4847, 0.2977, 0.3391



93.4847, 0.2896, 0.3067



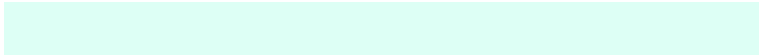
93.4847, 0.3277, 0.3191



93.4847, 0.3362, 0.3514

Rectangle

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



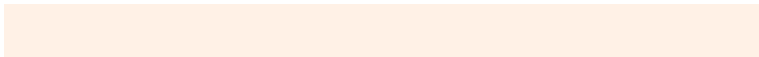
93.4847, 0.2977, 0.3391



93.4847, 0.2856, 0.3178



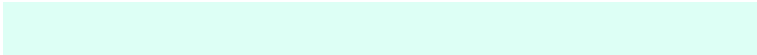
93.4847, 0.3277, 0.3191



93.4847, 0.3406, 0.3392

Sweetspot

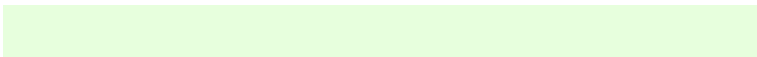
The Sweet Spot groups the original color and five complimentary colors.



93.4886, 0.2977, 0.3391



97.9253, 0.3081, 0.3319



93.7648, 0.3174, 0.3637



20.8790, 0.3073, 0.3324



0.0000, 0.0000, 0.0000



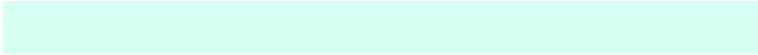
21.4041, 0.3127, 0.3290

Same Dimension

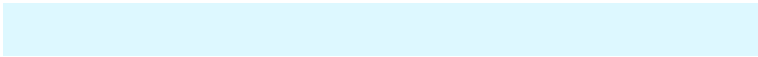
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4886, 0.2977, 0.3391



92.3191, 0.2948, 0.3413



89.8568, 0.2921, 0.3220



20.3853, 0.3019, 0.3361



39.1240, 0.2521, 0.4276



3.8285, 0.2486, 0.4149

Inverse Universe

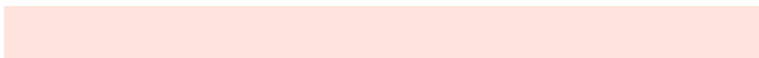
The Inverse Universe completely reimagines the original color for something new.



78.7599, 0.3303, 0.3191



74.9548, 0.3345, 0.3170



81.8730, 0.3363, 0.3359



18.0747, 0.3248, 0.3220



11.3954, 0.5792, 0.2964



1.1276, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 93.4847, 0.2977, 0.3391 looks on a white background.

Color Contrast Check

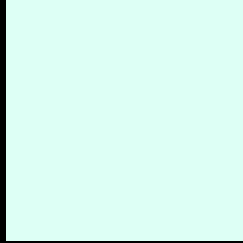
Large Text (above 18pt) WCAG AA × Fail

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 93.4847, 0.2977, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

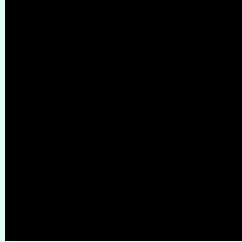
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

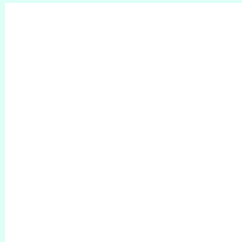
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.4847, 0.2977, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 93.4847, 0.2977, 0.3391.

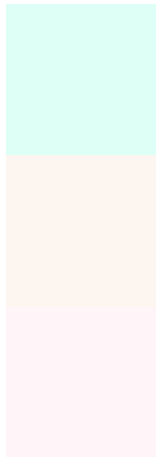


This preview shows how white text looks on a background with the Yxy color 93.4847, 0.2977, 0.3391.

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

93.4847, 0.2977, 0.3391

Protanopia

93.0855, 0.3209, 0.3349

Deuteranopia

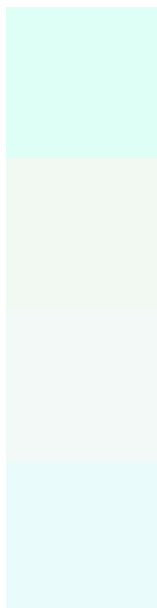
93.3421, 0.3174, 0.3261



Tritanopia

93.0556, 0.3042, 0.3221

Trichromacy



Original Color

93.4847, 0.2977, 0.3391

Protanomaly

92.8629, 0.3118, 0.3359

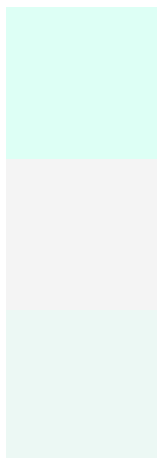
Deuteranomaly

93.5215, 0.3101, 0.3310

Tritanomaly

93.4518, 0.3022, 0.3290

Monochromacy



Original Color

93.4847, 0.2977, 0.3391

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4993, 0.3075, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4847, 0.2977, 0.3391 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(221, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 245)  
}
```

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(221, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 93.4847, 0.2977, 0.3391 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(221, 255, 245) }
```

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

```
.border{ border-color:rgb(221, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4847, 0.2977, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 245) }
```

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

```
.background{ background-color: rgb(221,  
255, 245) }
```

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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