

Converting Colors

$Yxy(93.6817, 0.2986, 0.3314)$

Have a look what the booklet for
Yxy(93.6817, 0.2986, 0.3314)
contains.

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Color

Yxy(93.7096, 0.2986, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E4FDFB
RGB	228, 253, 251
RGB Percent	89%, 99%, 98%
CMY	0.1057, 0.0078, 0.0158
CMYK	0.10, 0.00, 0.01, 0.01
HSL	175°, 86%, 94%
HSV	175°, 10%, 99%
XYZ	84.5368, 93.7096, 104.8642
YIQ	245.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

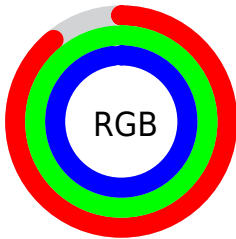
Format	Color
R _Y B	228, 241, 253
Decimal	15007227
CIE Lab	97.51, -8.44, -1.79
CIE LCh	98, 8.631, 191.992
Yxy	93.7096, 0.2986, 0.3310
Android (android.graphics.Color)	4293197307 (0xFFE4FDFB)
YUV	245.2970, 2.8116, -15.1695
Hunter-Lab	96.8037, -13.5259, 3.5358

Details

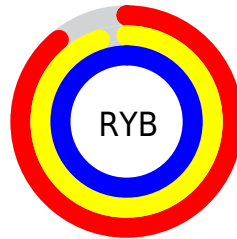
The Yxy color **93.7096, 0.2986, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.1101, 0.3288, 0.3270**, and the grayscale version is **91.5535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1906, 0.2949, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **89.7433, 0.2850, 0.3332**, and if you desaturate by 10%, it is **98.2907, 0.3129, 0.3290**.

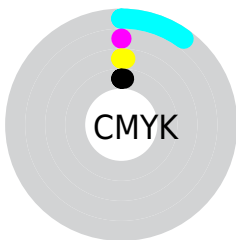
Distribution



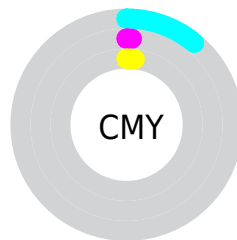
- Red (89%)
- Green (99%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (99%)



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





- Cyan (11%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7096, 0.2986, 0.3310 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 93.7096, 0.2986, 0.3310 by changing the saturation by 10% instead.


 93.7096, 0.2986,
0.3310

 93.7096, 0.2986,
0.3310


540.0256, 0.3048,
0.3302

 71.0614, 0.2972,
0.3312

152.4807, 0.3007,
0.3307

 52.3923, 0.2956,
0.3314


189.3723, 0.3015,
0.3306

 37.3179, 0.2936,
0.3317


231.7807, 0.3023,
0.3305

 25.4537, 0.2910,
0.3320

280.0900, 0.3029,
0.3304

 16.4154, 0.2876,
0.3324

334.6848, 0.3035,
0.3303

 9.8186, 0.2830,
0.3330

395.9494, 0.3040,

 5.2788, 0.2763,

0.3303

0.3337

464.2682, 0.3044,
0.3302

■ 2.4118, 0.2656,
0.3348

■ 0.8319, 0.2387,
0.3397

■ 93.7096, 0.2986,
0.3310

■ 93.7096, 0.2986,
0.3310

■ 89.7433, 0.2850,
0.3332

■ 98.2907, 0.3129,
0.3290

■ 86.3539, 0.2725,
0.3356

■ 98.7302, 0.3128,
0.3271

■ 83.5170, 0.2613,
0.3382

■ 81.2024, 0.2518,
0.3408

■ 79.3765, 0.2440,
0.3436

■ 78.0023, 0.2382,
0.3464

■ 77.0369, 0.2343,
0.3492

■ 76.4297, 0.2324,
0.3520

■ 76.0985, 0.2319,
0.3547

Harmonies

Analogous

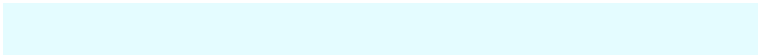
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7096, 0.3064, 0.3392



93.7096, 0.2986, 0.3310



93.7096, 0.2945, 0.3224

Triad

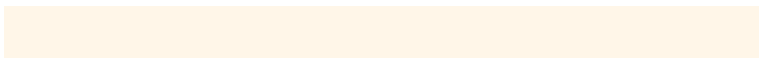
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7096, 0.2986, 0.3310



93.7096, 0.3092, 0.3141



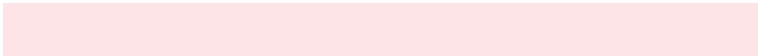
93.7096, 0.3304, 0.3420

Complementary

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



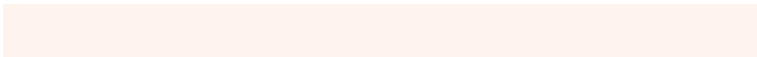
93.7096, 0.2986, 0.3310



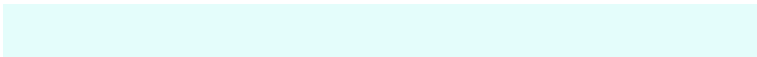
82.1101, 0.3288, 0.3270

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.



93.7096, 0.3313, 0.3352



93.7096, 0.2986, 0.3310



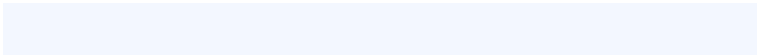
93.7096, 0.3189, 0.3192

Square

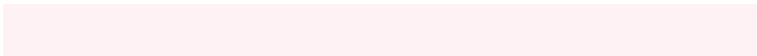
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



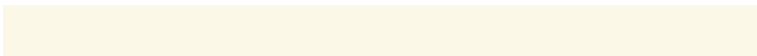
93.7096, 0.2986, 0.3310



93.7096, 0.3006, 0.3128



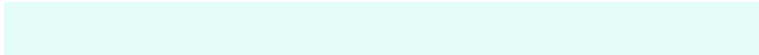
93.7096, 0.3270, 0.3268



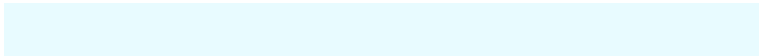
93.7096, 0.3248, 0.3455

Rectangle

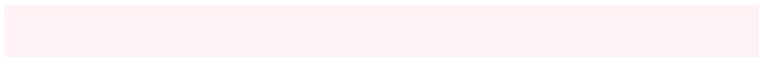
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



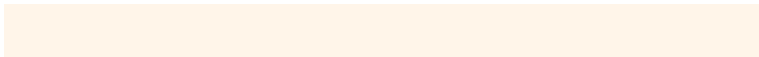
93.7096, 0.2986, 0.3310



93.7096, 0.2945, 0.3177



93.7096, 0.3270, 0.3268



93.7096, 0.3313, 0.3400

Sweetspot

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



93.7135, 0.2986, 0.3310



98.5376, 0.3084, 0.3296



92.6971, 0.3128, 0.3545



21.0095, 0.3072, 0.3298



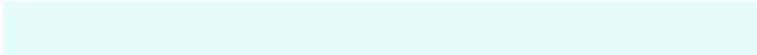
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

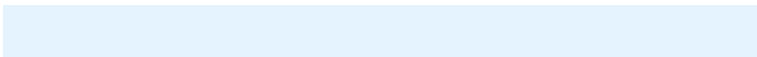
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7135, 0.2986, 0.3310



94.4912, 0.2956, 0.3315



87.4549, 0.2974, 0.3184



20.4543, 0.2991, 0.3309



40.4903, 0.2318, 0.3543



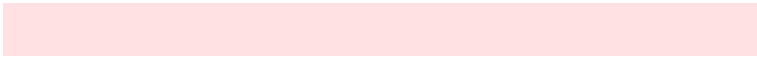
3.9497, 0.2309, 0.3512

Inverse Universe

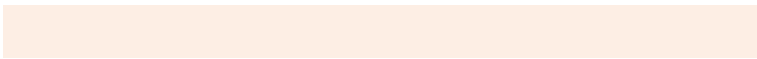
The Inverse Universe completely reimagines the original color for something new.



82.1101, 0.3288, 0.3270



80.3272, 0.3328, 0.3266



87.8924, 0.3290, 0.3393



18.0112, 0.3282, 0.3271



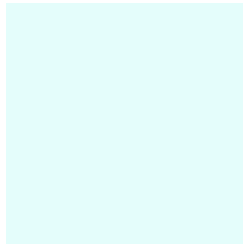
11.1451, 0.6314, 0.3252



1.0930, 0.6132, 0.3152

Previews

White Background



This preview shows how the Yxy color 93.7096, 0.2986, 0.3310 looks on a white background.

Color Contrast Check

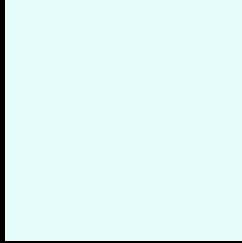
Large Text (above 18pt) WCAG AA × Fail

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 93.7096, 0.2986, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

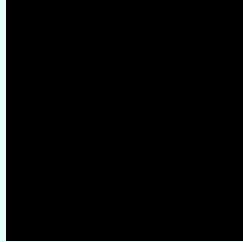
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

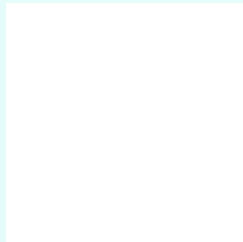
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7096, 0.2986, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 93.7096, 0.2986, 0.3310.

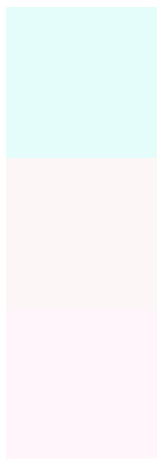


This preview shows how white text looks on a background with the Yxy color 93.7096, 0.2986, 0.3310.

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

93.7096, 0.2986, 0.3310

Protanopia

93.3224, 0.3160, 0.3280

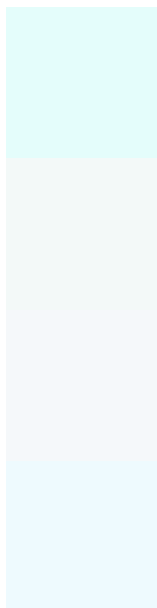
Deuteranopia

93.4669, 0.3162, 0.3242

Tritanopia

93.4095, 0.3055, 0.3221

Trichromacy



Original Color

93.7096, 0.2986, 0.3310

Protanomaly

93.5834, 0.3095, 0.3300

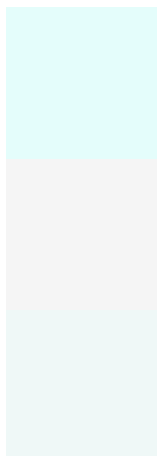
Deuteranomaly

93.4494, 0.3096, 0.3270

Tritanomaly

93.7041, 0.3029, 0.3250

Monochromacy



Original Color

93.7096, 0.2986, 0.3310

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.2009, 0.3076, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7096, 0.2986, 0.3310 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(228, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(228, 253, 251)  
}
```

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(228, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 253, 251) }
```

Border

The CSS property to change the border of an element to Yxy 93.7096, 0.2986, 0.3310 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(228, 253, 251) }
```

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

```
.border{ border-color:rgb(228, 253, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 253, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(228, 253,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7096, 0.2986, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 253, 251) }
```

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

```
.background{ background-color: rgb(228,  
253, 251) }
```

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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