

Converting Colors

$Y_{xy}(93.5925, 0.2957, 0.3266)$

Have a look what the booklet for
Yxy(93.5925, 0.2957, 0.3266)
contains.

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Color

Yxy(93.8015, 0.2958, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	E3FDFF
RGB	227, 253, 255
RGB Percent	89%, 99%, 100%
CMY	0.1097, 0.0078, 0.0002
CMYK	0.11, 0.01, 0.00, 0.00
HSL	184°, 100%, 95%
HSV	184°, 11%, 100%
XYZ	84.8516, 93.8015, 108.2016
YIQ	245.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

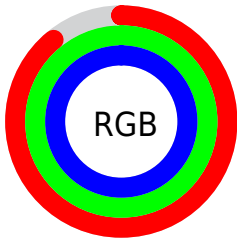
Format	Color
R_{YB}	227, 240, 255
Decimal	14941695
CIE _{Lab}	97.55, -8.01, -3.80
CIE _{LCh}	98, 8.863, 205.407
Yxy	93.8015, 0.2958, 0.3270
Android (android.graphics.Color)	4293131775 (0xFFE3FDFF)
YUV	245.4540, 4.7062, -16.1842
Hunter-Lab	96.8512, -13.1051, 1.5574

Details

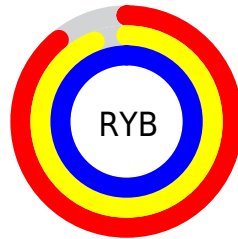
The Yxy color **93.8015, 0.2958, 0.3270** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.8190, 0.3321, 0.3310**, and the grayscale version is **91.6692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2150, 0.2921, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **88.8439, 0.2811, 0.3250**, and if you desaturate by 10%, it is **99.3913, 0.3112, 0.3288**.

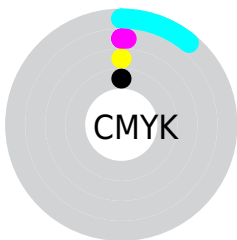
Distribution



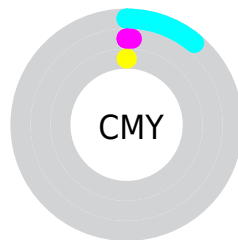
- Red (89%)
- Green (99%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8015, 0.2958, 0.3270 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 93.8015, 0.2958, 0.3270 by changing the saturation by 10% instead.

 93.8015, 0.2958,
0.3270

 93.8015, 0.2958,
0.3270

540.3210, 0.3032,
0.3279

 71.1379, 0.2942,
0.3268


152.6078, 0.2983,
0.3273

 52.4547, 0.2922,
0.3265


189.5192, 0.2993,
0.3275

 37.3676, 0.2898,
0.3262


231.9487, 0.3002,
0.3276

 25.4923, 0.2867,
0.3257

280.2807, 0.3009,
0.3277

 16.4442, 0.2827,
0.3251

334.8995, 0.3016,
0.3277

 9.8390, 0.2772,
0.3243

396.1895, 0.3022,

 5.2924, 0.2693,

0.3278

0.3229

464.5352, 0.3028,
0.3279

■ 2.4198, 0.2569,
0.3206

■ 0.8360, 0.2281,
0.3182

■ 93.8015, 0.2958,
0.3270

■ 93.8015, 0.2958,
0.3270

■ 88.8439, 0.2811,
0.3250

99.3913, 0.3112,
0.3288

■ 84.4797, 0.2674,
0.3229

99.9971, 0.3127,
0.3290

■ 80.6841, 0.2551,
0.3206

■ 77.4256, 0.2443,
0.3183

■ 74.6700, 0.2354,
0.3159

■ 72.3785, 0.2284,
0.3135

■ 70.5072, 0.2233,
0.3111

■ 69.0029, 0.2201,
0.3087

■ 67.8837, 0.2185,
0.3066

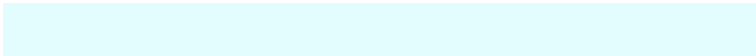
Harmonies

Analogous

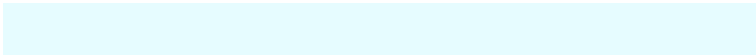
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8015, 0.3023, 0.3359



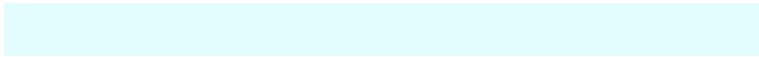
93.8015, 0.2958, 0.3270



93.8015, 0.2938, 0.3188

Triad

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



93.8015, 0.2958, 0.3270



93.8015, 0.3136, 0.3156



93.8015, 0.3289, 0.3445

Complementary

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



93.8015, 0.2958, 0.3270



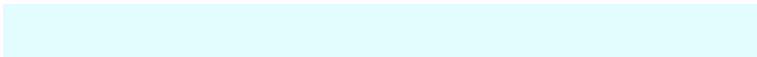
82.8190, 0.3321, 0.3310

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.



93.8015, 0.3320, 0.3388



93.8015, 0.2958, 0.3270



93.8015, 0.3231, 0.3222

Square

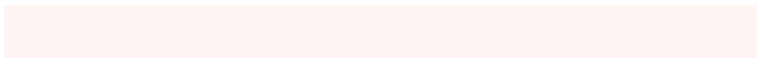
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



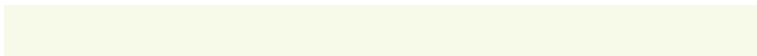
93.8015, 0.2958, 0.3270



93.8015, 0.3039, 0.3124



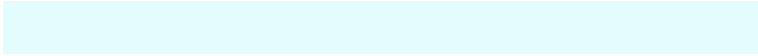
93.8015, 0.3299, 0.3306



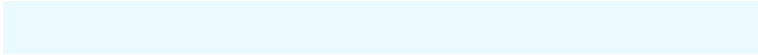
93.8015, 0.3214, 0.3461

Rectangle

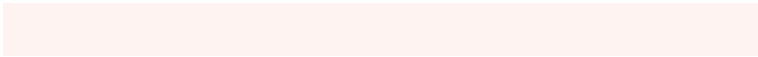
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



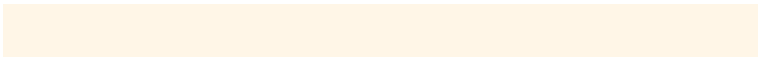
93.8015, 0.2958, 0.3270



93.8015, 0.2952, 0.3149



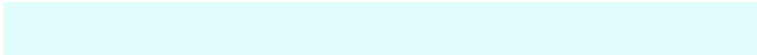
93.8015, 0.3299, 0.3306



93.8015, 0.3305, 0.3430

Sweetspot

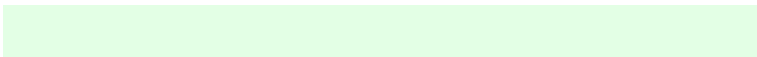
The Sweet Spot groups the original color and five complimentary colors.



93.8054, 0.2958, 0.3270



98.2378, 0.3080, 0.3285



93.4756, 0.3103, 0.3557



20.9282, 0.3068, 0.3283



0.0000, 0.0000, 0.0000



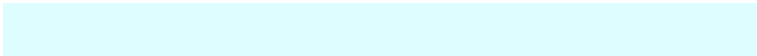
21.4041, 0.3127, 0.3290

Same Dimension

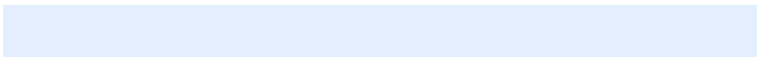
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8054, 0.2958, 0.3270



92.7793, 0.2927, 0.3266



85.3568, 0.2956, 0.3129



20.2516, 0.2980, 0.3273



35.5770, 0.2186, 0.3070



3.5265, 0.2194, 0.3097

Inverse Universe

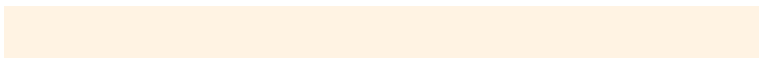
The Inverse Universe completely reimagines the original color for something new.



83.2920, 0.3152, 0.3038



80.4948, 0.3157, 0.2990



90.8094, 0.3305, 0.3446



18.2772, 0.3149, 0.3072



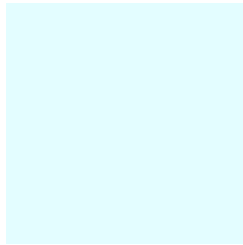
14.3195, 0.3393, 0.1643



1.4005, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 93.8015, 0.2958, 0.3270 looks on a white background.

Color Contrast Check

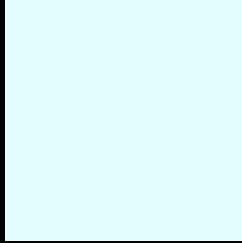
Large Text (above 18pt) WCAG AA × Fail

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 93.8015, 0.2958, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

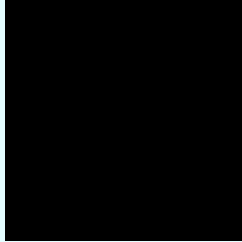
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.8015, 0.2958, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 93.8015, 0.2958, 0.3270.

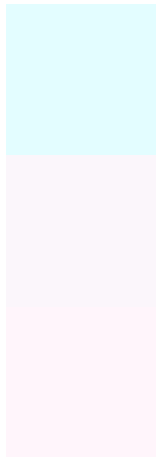


This preview shows how white text looks on a background with the Yxy color 93.8015, 0.2958, 0.3270.

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

93.8015, 0.2958, 0.3270

Protanopia

93.3858, 0.3129, 0.3242

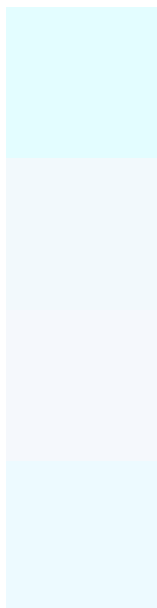
Deuteranopia

93.5299, 0.3156, 0.3232

Tritanopia

93.8486, 0.3049, 0.3231

Trichromacy



Original Color

93.8015, 0.2958, 0.3270

Protanomaly

93.6569, 0.3066, 0.3260

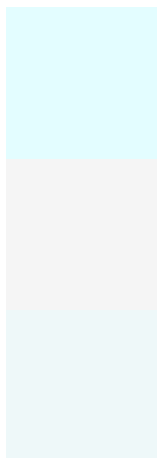
Deuteranomaly

93.5756, 0.3085, 0.3251

Tritanomaly

93.5957, 0.3018, 0.3240

Monochromacy



Original Color

93.8015, 0.2958, 0.3270

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.1515, 0.3058, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8015, 0.2958, 0.3270 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(227, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 253, 255)  
}
```

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(227, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 93.8015, 0.2958, 0.3270 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(227, 253, 255) }
```

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

```
.border{ border-color:rgb(227, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8015, 0.2958, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 253, 255) }
```

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

```
.background{ background-color: rgb(227,  
253, 255) }
```

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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