

Converting Colors

$Yxy(93.5435, 0.2939, 0.3338)$

Have a look what the booklet for
Yxy(93.5435, 0.2939, 0.3338)
contains.

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Color

Yxy(93.4822, 0.2938, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFFA
RGB	219, 255, 250
RGB Percent	86%, 100%, 98%
CMY	0.1412, 0.0000, 0.0195
CMYK	0.14, 0.00, 0.02, 0.00
HSL	172°, 100%, 93%
HSV	172°, 14%, 100%
XYZ	82.2307, 93.4822, 104.1739
YIQ	243.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

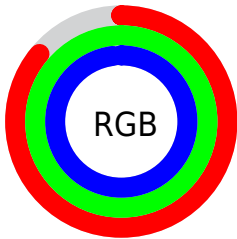
Format	Color
R _Y B	219, 238, 255
Decimal	14417914
CIE Lab	97.42, -12.46, -1.52
CIE LCh	97, 12.551, 186.943
Yxy	93.4822, 0.2938, 0.3340
Android (android.graphics.Color)	4292607994 (0xFFDBFFFA)
YUV	243.6660, 3.1227, -21.6321
Hunter-Lab	96.6862, -17.3882, 3.7987

Details

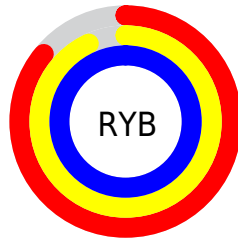
The Yxy color **93.4822, 0.2938, 0.3340** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3013, 0.3355, 0.3241**, and the grayscale version is **90.1736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1757, 0.2897, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **89.6078, 0.2813, 0.3379**, and if you desaturate by 10%, it is **97.9690, 0.3071, 0.3304**.

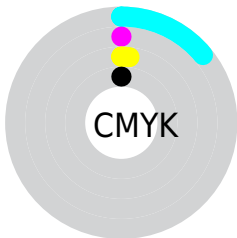
Distribution



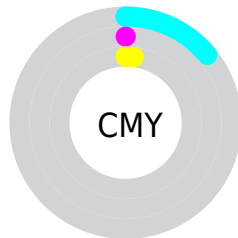
- Red (86%)
- Green (100%)
- Blue (98%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.4822, 0.2938, 0.3340 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 93.4822, 0.2938, 0.3340 by changing the saturation by 10% instead.

 93.4822, 0.2938,
0.3340

 93.4822, 0.2938,
0.3340


539.2944, 0.3021,
0.3318

 70.8724, 0.2920,
0.3345


152.1660, 0.2966,
0.3333

 52.2380, 0.2898,
0.3350


189.0088, 0.2977,
0.3330

 37.1948, 0.2871,
0.3357


231.3647, 0.2987,
0.3327

 25.3584, 0.2836,
0.3366

279.6181, 0.2996,
0.3325

 16.3443, 0.2791,
0.3377

334.1533, 0.3003,
0.3323

 9.7681, 0.2729,
0.3392

395.3549, 0.3010,

 5.2455, 0.2639,

0.3321

0.3414

463.6071, 0.3016,
0.3320

■ 2.3920, 0.2497,
0.3446

■ 0.8218, 0.2074,
0.3573

■ 93.4822, 0.2938,
0.3340

■ 93.4822, 0.2938,
0.3340

■ 89.6078, 0.2813,
0.3379

■ 97.9690, 0.3071,
0.3304

■ 86.3146, 0.2699,
0.3422


100.0000, 0.3127,
0.3290

■ 83.5742, 0.2599,
0.3467


■ 81.3544, 0.2515,
0.3514

 79.6196, 0.2450,
0.3562

 78.3296, 0.2404,
0.3611

 77.4380, 0.2378,
0.3661

 76.8877, 0.2370,
0.3710

 76.6759, 0.2372,
0.3738

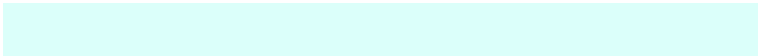
Harmonies

Analogous

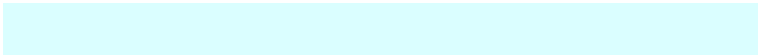
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4822, 0.3058, 0.3456



93.4822, 0.2938, 0.3340



93.4822, 0.2869, 0.3212

Triad

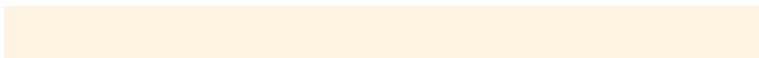
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.4822, 0.2938, 0.3340



93.4822, 0.3052, 0.3067



93.4822, 0.3393, 0.3464

Complementary

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



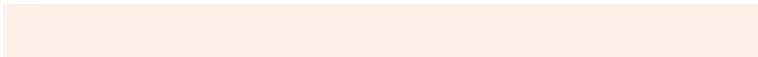
93.4822, 0.2938, 0.3340



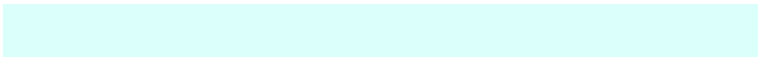
77.3013, 0.3355, 0.3241

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.



93.4822, 0.3392, 0.3358



93.4822, 0.2938, 0.3340



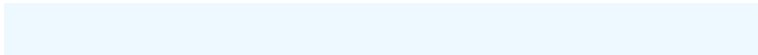
93.4822, 0.3193, 0.3132

Square

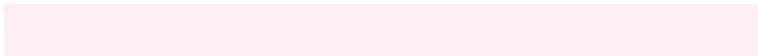
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.4822, 0.2938, 0.3340



93.4822, 0.2934, 0.3058



93.4822, 0.3319, 0.3238



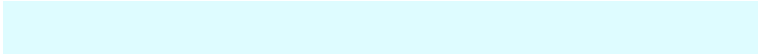
93.4822, 0.3321, 0.3527

Rectangle

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



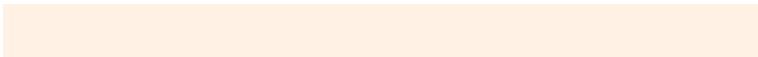
93.4822, 0.2938, 0.3340



93.4822, 0.2860, 0.3139



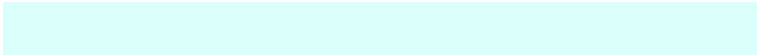
93.4822, 0.3319, 0.3238



93.4822, 0.3401, 0.3432

Sweetspot

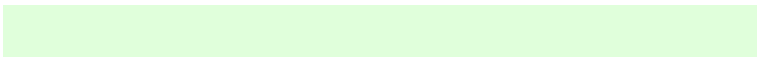
The Sweet Spot groups the original color and five complimentary colors.



93.4834, 0.2938, 0.3340



98.0261, 0.3072, 0.3303



92.5451, 0.3143, 0.3663



20.9046, 0.3062, 0.3306



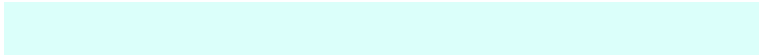
0.0000, 0.0000, 0.0000



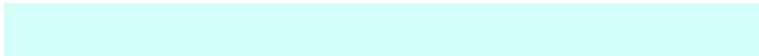
21.4041, 0.3127, 0.3290

Same Dimension

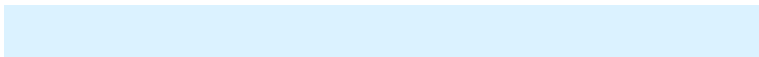
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4834, 0.2938, 0.3340



92.3055, 0.2901, 0.3351



86.0214, 0.2907, 0.3160



20.4358, 0.2998, 0.3323



40.0815, 0.2369, 0.3730



3.9140, 0.2354, 0.3674

Inverse Universe

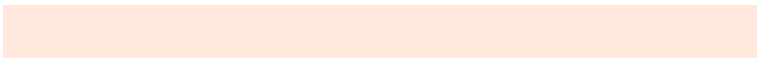
The Inverse Universe completely reimagines the original color for something new.



77.3013, 0.3355, 0.3241



73.2151, 0.3411, 0.3230



83.8613, 0.3372, 0.3416



18.0279, 0.3273, 0.3257



11.1852, 0.6222, 0.3201



1.1009, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 93.4822, 0.2938, 0.3340 looks on a white background.

Color Contrast Check

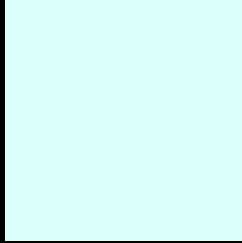
Large Text (above 18pt) WCAG AA × Fail

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 93.4822, 0.2938, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

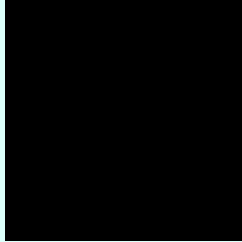
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

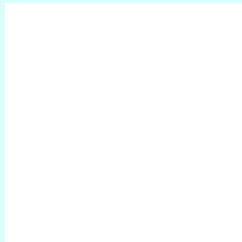
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.4822, 0.2938, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 93.4822, 0.2938, 0.3340.

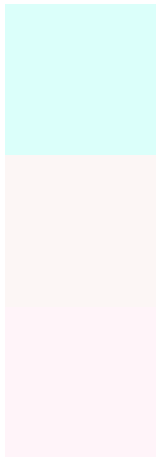


This preview shows how white text looks on a background with the Yxy color 93.4822, 0.2938, 0.3340.

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

93.4822, 0.2938, 0.3340

Protanopia

93.1996, 0.3172, 0.3300

Deuteranopia

92.8009, 0.3168, 0.3242



Tritanopia

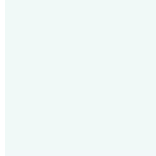
93.4966, 0.3036, 0.3231

Trichromacy



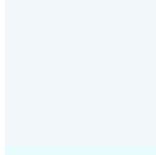
Original Color

93.4822, 0.2938, 0.3340



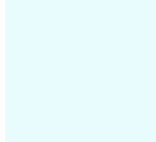
Protanomaly

92.9920, 0.3082, 0.3310



Deuteranomaly

92.8516, 0.3083, 0.3280



Tritanomaly

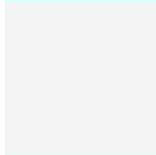
93.2420, 0.2998, 0.3270

Monochromacy



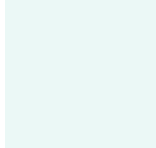
Original Color

93.4822, 0.2938, 0.3340



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.4508, 0.3057, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4822, 0.2938, 0.3340 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(219, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 250)  
}
```

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(219, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 93.4822, 0.2938, 0.3340 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(219, 255, 250) }
```

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

```
.border{ border-color:rgb(219, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4822, 0.2938, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 250) }
```

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

```
.background{ background-color: rgb(219,  
255, 250) }
```

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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