

Converting Colors

$Y_{xy}(100.0000, 0.2903, 0.3421)$

Have a look what the booklet for
Yxy(100.0000, 0.2903, 0.3421)
contains.

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Color

Yxy(93.0589, 0.2899, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFFD
RGB	215, 255, 253
RGB Percent	84%, 100%, 99%
CMY	0.1570, 0.0000, 0.0079
CMYK	0.16, 0.00, 0.01, 0.00
HSL	177°, 100%, 92%
HSV	177°, 16%, 100%
XYZ	81.5039, 93.0589, 106.5820
YIQ	242.8120, -23.1980, -9.1020

Conversions

Conversions Part 2

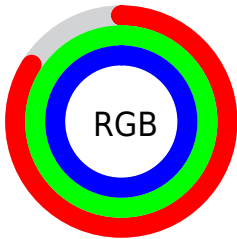
Format	Color
R _Y B	215, 236, 255
Decimal	14155773
CIE Lab	97.25, -13.13, -3.32
CIE LCh	97, 13.541, 194.192
Yxy	93.0589, 0.2899, 0.3310
Android (android.graphics.Color)	4292345853 (0xFFD7FFFD)
YUV	242.8120, 5.0227, -24.3911
Hunter-Lab	96.4670, -18.0048, 2.0202

Details

The Yxy color **93.0589, 0.2899, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8518, 0.3410, 0.3270**, and the grayscale version is **89.4329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8473, 0.2856, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **89.4079, 0.2765, 0.3324**, and if you desaturate by 10%, it is **97.2998, 0.3042, 0.3297**.

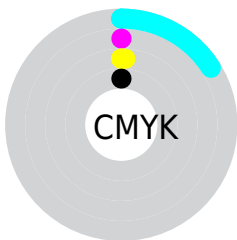
Distribution



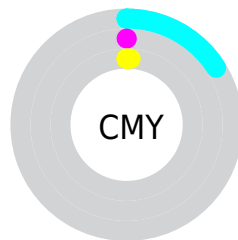
- Red (84%)
- Green (100%)
- Blue (99%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0589, 0.2899, 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 93.0589, 0.2899, 0.3310 by changing the saturation by 10% instead.


 93.0589, 0.2899,
0.3310

 93.0589, 0.2899,
0.3310

537.9319, 0.2999,
0.3302

 70.5205, 0.2877,
0.3312


151.5802, 0.2933,
0.3307

 51.9510, 0.2851,
0.3313


188.3318, 0.2946,
0.3306

 36.9660, 0.2818,
0.3316

230.5899, 0.2958,
0.3305

 25.1812, 0.2777,
0.3318

278.7389, 0.2968,
0.3305

 16.2121, 0.2722,
0.3321

333.1632, 0.2978,
0.3304

 9.6743, 0.2648,
0.3325


394.2472, 0.2986,


 5.1836, 0.2541,


0.3303


462.3753, 0.2993,
0.3303


0.3329


 2.3554, 0.2374,
0.3332

 0.8028, 0.1876,
0.3404

 93.0589, 0.2899,
0.3310


 93.0589, 0.2899,
0.3310

 89.4079, 0.2765,
0.3324

 97.2998, 0.3042,
0.3297

 86.3374, 0.2645,
0.3339

100.0000, 0.3127,
0.3290

 83.8112, 0.2539,
0.3355

 81.7967, 0.2452,
0.3371

■ 80.2578, 0.2383,
0.3388

■ 79.1533, 0.2335,
0.3405

■ 78.4356, 0.2305,
0.3422

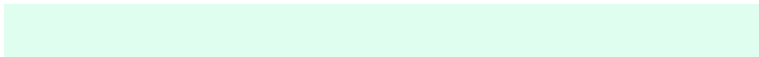
■ 78.0454, 0.2292,
0.3438

■ 77.9412, 0.2290,
0.3446

Harmonies

Analogous

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



93.0589, 0.3017, 0.3443



93.0589, 0.2899, 0.3310



93.0589, 0.2841, 0.3175

Triad

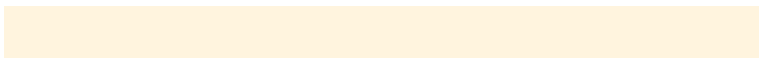
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0589, 0.2899, 0.3310



93.0589, 0.3082, 0.3062



93.0589, 0.3402, 0.3500

Complementary

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



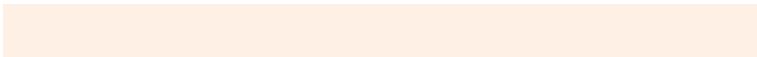
93.0589, 0.2899, 0.3310



74.8518, 0.3410, 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.



93.0589, 0.3422, 0.3394



93.0589, 0.2899, 0.3310



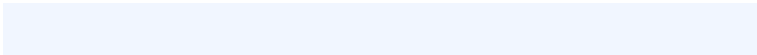
93.0589, 0.3234, 0.3144

Square

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



93.0589, 0.2899, 0.3310



93.0589, 0.2945, 0.3036



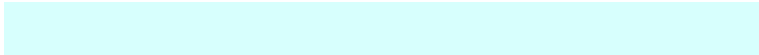
93.0589, 0.3360, 0.3264



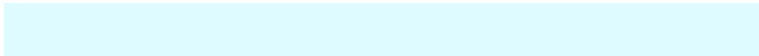
93.0589, 0.3308, 0.3553

Rectangle

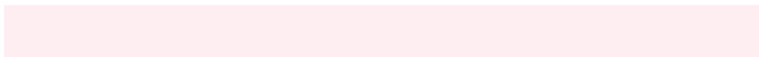
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.0589, 0.2899, 0.3310



93.0589, 0.2844, 0.3103



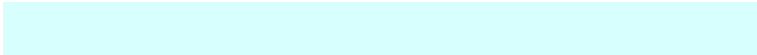
93.0589, 0.3360, 0.3264



93.0589, 0.3418, 0.3469

Sweetspot

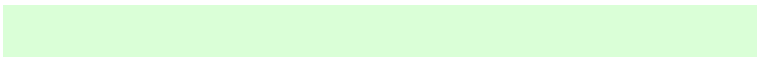
The Sweet Spot groups the original color and five complimentary colors.



93.0528, 0.2899, 0.3310



97.6203, 0.3053, 0.3296



91.2736, 0.3124, 0.3711



20.8259, 0.3042, 0.3297



0.0000, 0.0000, 0.0000



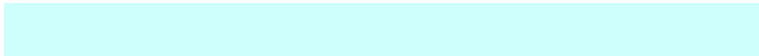
21.4041, 0.3127, 0.3290

Same Dimension

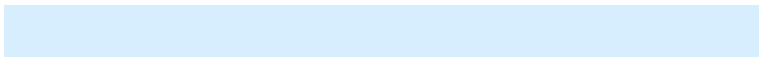
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0528, 0.2899, 0.3310



91.7847, 0.2854, 0.3314



82.6082, 0.2881, 0.3109



20.4648, 0.2987, 0.3302



40.7329, 0.2290, 0.3443



3.9707, 0.2284, 0.3424

Inverse Universe

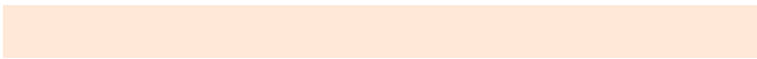
The Inverse Universe completely reimagines the original color for something new.



74.8518, 0.3410, 0.3270



70.2707, 0.3484, 0.3266



84.0545, 0.3398, 0.3464



18.0019, 0.3287, 0.3278



11.1299, 0.6350, 0.3272



1.0887, 0.6232, 0.3207

Previews

White Background



This preview shows how the Yxy color 93.0589, 0.2899, 0.3310 looks on a white background.

Color Contrast Check

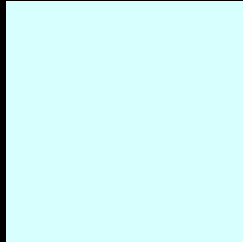
Large Text (above 18pt) WCAG AA × Fail

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 93.0589, 0.2899, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

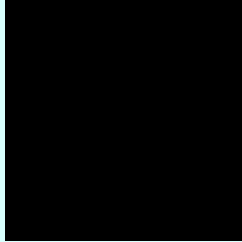
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

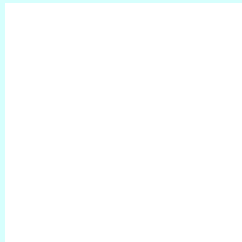
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0589, 0.2899, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 93.0589, 0.2899, 0.3310.

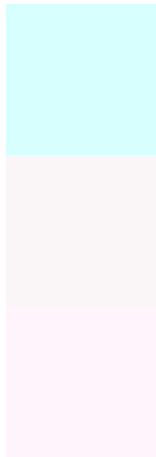


This preview shows how white text looks on a background with the Yxy color 93.0589, 0.2899, 0.3310.

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

93.0589, 0.2899, 0.3310

Protanopia

92.3442, 0.3147, 0.3271

Deuteranopia

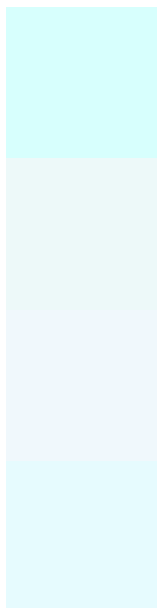
92.9264, 0.3156, 0.3223



Tritanopia

92.5319, 0.3024, 0.3221

Trichromacy



Original Color

93.0589, 0.2899, 0.3310

Protanomaly

92.5954, 0.3052, 0.3290

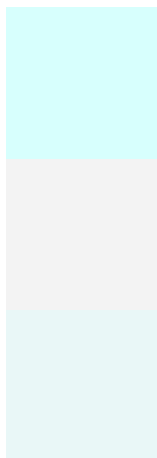
Deuteranomaly

92.6883, 0.3054, 0.3250

Tritanomaly

92.9731, 0.2981, 0.3260

Monochromacy



Original Color

93.0589, 0.2899, 0.3310

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5606, 0.3039, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0589, 0.2899, 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(215, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 253)  
}
```

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(215, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 93.0589, 0.2899, 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(215, 255, 253) }
```

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

```
.border{ border-color:rgb(215, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0589, 0.2899, 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(215, 255, 253) }
```

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

```
.background{ background-color: rgb(215,  
255, 253) }
```

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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