

Converting Colors

$Yxy(91.6600, 0.2896, 0.3379)$

Have a look what the booklet for
Yxy(91.6600, 0.2896, 0.3379)
contains.

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Color

Yxy(91.5837, 0.2896, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFF6
RGB	208, 255, 246
RGB Percent	82%, 100%, 96%
CMY	0.1844, 0.0000, 0.0353
CMYK	0.18, 0.00, 0.04, 0.00
HSL	169°, 100%, 91%
HSV	169°, 18%, 100%
XYZ	78.3998, 91.5837, 100.7339
YIQ	239.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

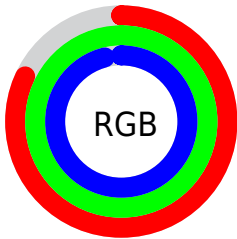
Format	Color
R_{YB}	208, 234, 255
Decimal	13697014
CIE _{Lab}	96.65, -16.64, -0.66
CIE _{LCh}	97, 16.656, 182.259
Yxy	91.5837, 0.2896, 0.3383
Android (android.graphics.Color)	4291887094 (0xFFD0FFF6)
YUV	239.9210, 2.9969, -27.9947
Hunter-Lab	95.6994, -21.2414, 4.5804

Details

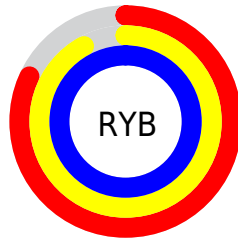
The Yxy color **91.5837, 0.2896, 0.3383** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.3641, 0.3421, 0.3200**, and the grayscale version is **87.0549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8782, 0.2846, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **87.8804, 0.2781, 0.3440**, and if you desaturate by 10%, it is **95.8800, 0.3019, 0.3330**.

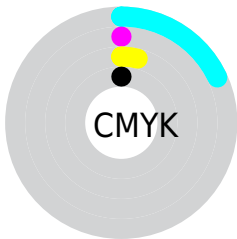
Distribution



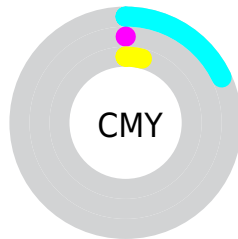
- Red (82%)
- Green (100%)
- Blue (96%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5837, 0.2896, 0.3383 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 91.5837, 0.2896, 0.3383 by changing the saturation by 10% instead.


 91.5837, 0.2896,
0.3383

 91.5837, 0.2896,
0.3383


533.1692, 0.2998,
0.3342

 69.2949, 0.2874,
0.3392

149.5363, 0.2931,
0.3369

 50.9519, 0.2846,
0.3403


185.9689, 0.2944,
0.3364

 36.1703, 0.2813,
0.3416


227.8848, 0.2956,
0.3359

 24.5658, 0.2770,
0.3433

275.6686, 0.2967,
0.3355

 15.7538, 0.2714,
0.3455

329.7045, 0.2976,
0.3351

 9.3501, 0.2636,
0.3486

390.3770, 0.2984,

 4.9703, 0.2524,

0.3348

0.3530

458.0704, 0.2992,
0.3345

■ 2.2298, 0.2345,
0.3598

■ 0.7362, 0.1563,
0.3922

■ 91.5837, 0.2896,
0.3383

■ 91.5837, 0.2896,
0.3383

■ 87.8804, 0.2781,
0.3440

■ 95.8800, 0.3019,
0.3330

■ 84.7552, 0.2678,
0.3501

100.0000, 0.3127,
0.3290

■ 82.1729, 0.2589,
0.3566

■ 80.0999, 0.2518,
0.3634

■ 78.4988, 0.2465,
0.3703

■ 77.3270, 0.2431,
0.3774

■ 76.5340, 0.2418,
0.3844

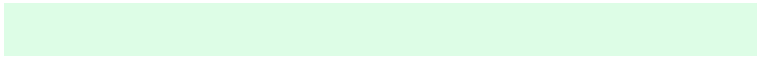
■ 76.0492, 0.2422,
0.3913

■ 75.9866, 0.2423,
0.3924

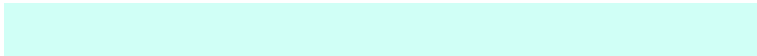
Harmonies

Analogous

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



91.5837, 0.3062, 0.3533



91.5837, 0.2896, 0.3383



91.5837, 0.2793, 0.3210

Triad

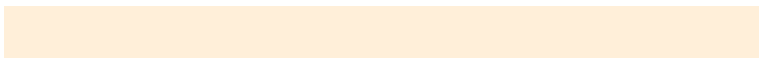
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5837, 0.2896, 0.3383



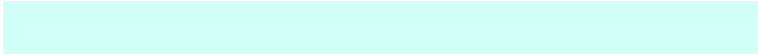
91.5837, 0.2999, 0.2988



91.5837, 0.3490, 0.3501

Complementary

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



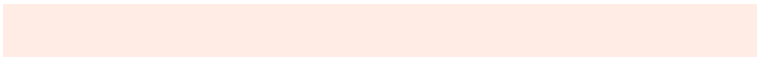
91.5837, 0.2896, 0.3383



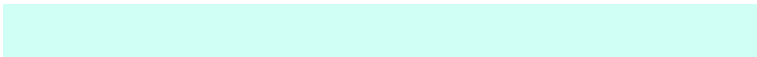
71.3641, 0.3421, 0.3200

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.



91.5837, 0.3473, 0.3354



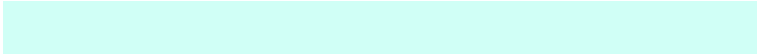
91.5837, 0.2896, 0.3383



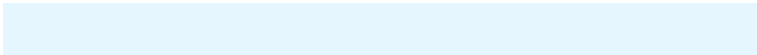
91.5837, 0.3185, 0.3064

Square

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



91.5837, 0.2896, 0.3383



91.5837, 0.2851, 0.2987



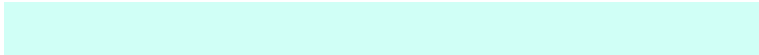
91.5837, 0.3360, 0.3195



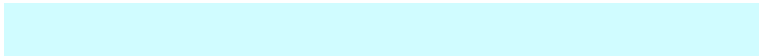
91.5837, 0.3407, 0.3599

Rectangle

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



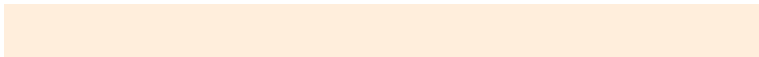
91.5837, 0.2896, 0.3383



91.5837, 0.2772, 0.3108



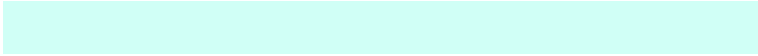
91.5837, 0.3360, 0.3195



91.5837, 0.3496, 0.3456

Sweetspot

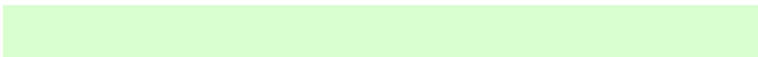
The Sweet Spot groups the original color and five complimentary colors.



91.5792, 0.2896, 0.3383



97.0257, 0.3050, 0.3318



90.8816, 0.3162, 0.3788



20.7012, 0.3042, 0.3322



0.0000, 0.0000, 0.0000



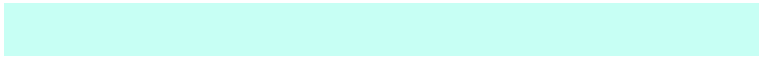
21.4041, 0.3127, 0.3290

Same Dimension

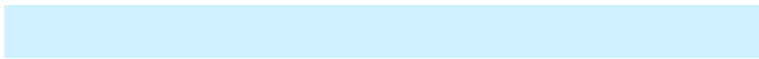
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5792, 0.2896, 0.3383



90.1963, 0.2854, 0.3403



83.4710, 0.2841, 0.3142



20.4184, 0.3006, 0.3336



39.7259, 0.2420, 0.3913



3.8826, 0.2398, 0.3833

Inverse Universe

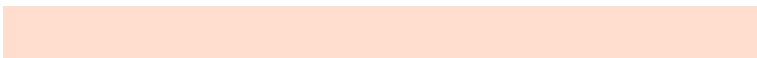
The Inverse Universe completely reimagines the original color for something new.



71.3641, 0.3421, 0.3200



66.6957, 0.3493, 0.3181



78.0963, 0.3463, 0.3434



18.0439, 0.3264, 0.3245



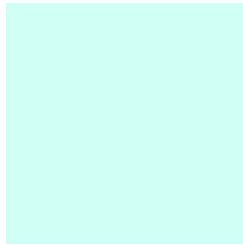
11.2398, 0.6102, 0.3135



1.1087, 0.5809, 0.2974

Previews

White Background



This preview shows how the Yxy color 91.5837, 0.2896, 0.3383 looks on a white background.

Color Contrast Check

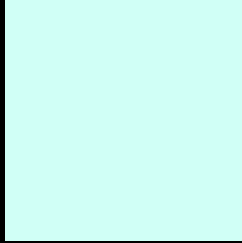
Large Text (above 18pt) WCAG AA × Fail

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 91.5837, 0.2896, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

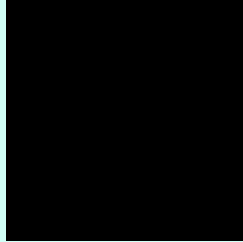
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.5837, 0.2896, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 91.5837, 0.2896, 0.3383.

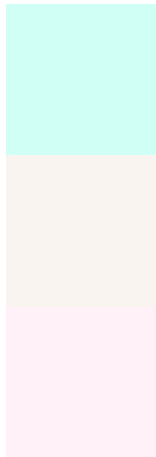


This preview shows how white text looks on a background with the Yxy color 91.5837, 0.2896, 0.3383.

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

91.5837, 0.2896, 0.3383

Protanopia

91.3166, 0.3190, 0.3329

Deuteranopia

90.8860, 0.3182, 0.3232



Tritanopia

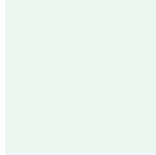
91.2340, 0.2999, 0.3210

Trichromacy



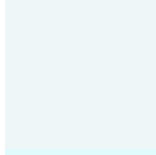
Original Color

91.5837, 0.2896, 0.3383



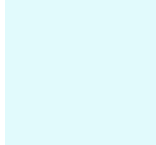
Protanomaly

91.2078, 0.3080, 0.3350



Deuteranomaly

90.8041, 0.3070, 0.3280



Tritanomaly

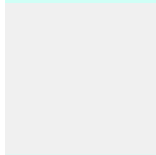
91.4070, 0.2962, 0.3269

Monochromacy



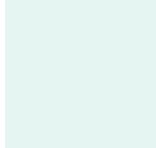
Original Color

91.5837, 0.2896, 0.3383



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.2096, 0.3037, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5837, 0.2896, 0.3383 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(208, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 246)  
}
```

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(208, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 91.5837, 0.2896, 0.3383 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(208, 255, 246) }
```

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

```
.border{ border-color:rgb(208, 255, 246) }
```

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

Here you see how a box with a 4 pixel rgb(208, 255, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5837, 0.2896, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 246) }
```

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

```
.background{ background-color: rgb(208,  
255, 246) }
```

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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