

Converting Colors

$Y_{xy}(100.0000, 0.2872, 0.3468)$

Have a look what the booklet for
Yxy(100.0000, 0.2872, 0.3468)
contains.

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Color

Yxy(91.5439, 0.2864, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFFA
RGB	206, 255, 250
RGB Percent	81%, 100%, 98%
CMY	0.1921, 0.0000, 0.0196
CMYK	0.19, 0.00, 0.02, 0.00
HSL	174°, 100%, 90%
HSV	174°, 19%, 100%
XYZ	78.4740, 91.5439, 103.9836
YIQ	239.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

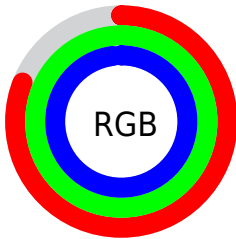
Format	Color
R _Y B	206, 232, 255
Decimal	13565946
CIE Lab	96.63, -16.43, -2.76
CIE LCh	97, 16.655, 189.533
Yxy	91.5439, 0.2864, 0.3341
Android (android.graphics.Color)	4291756026 (0xFFCEFFFA)
YUV	239.7790, 5.0390, -29.6242
Hunter-Lab	95.6786, -21.0347, 2.5386

Details

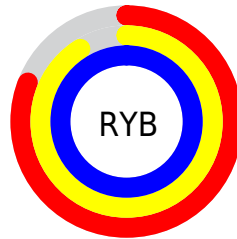
The Yxy color **91.5439, 0.2864, 0.3341** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1169, 0.3469, 0.3240**, and the grayscale version is **86.9374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8625, 0.2806, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **88.0269, 0.2740, 0.3371**, and if you desaturate by 10%, it is **95.6627, 0.2998, 0.3313**.

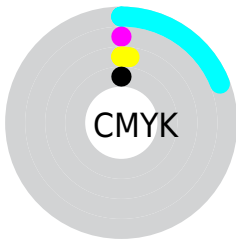
Distribution



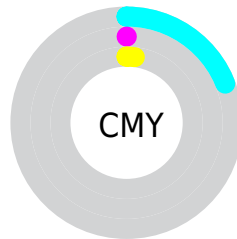
- Red (81%)
- Green (100%)
- Blue (98%)



- Red (81%)
- Yellow (91%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5439, 0.2864, 0.3341 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 91.5439, 0.2864, 0.3341 by changing the saturation by 10% instead.


 91.5439, 0.2864,
0.3341

 91.5439, 0.2864,
0.3341

533.0404, 0.2980,
0.3319

 69.2619, 0.2839,
0.3346

149.4811, 0.2903,
0.3334

 50.9250, 0.2808,
0.3351


185.9050, 0.2919,
0.3331

 36.1489, 0.2770,
0.3358


227.8117, 0.2932,
0.3328

 24.5492, 0.2722,
0.3366

275.5856, 0.2944,
0.3326

 15.7415, 0.2658,
0.3376

329.6110, 0.2955,
0.3324

 9.3414, 0.2572,
0.3390

390.2723, 0.2964,

 4.9646, 0.2446,

0.3322

0.3409

457.9540, 0.2973,
0.3321

■ 2.2265, 0.2249,
0.3434

■ 0.7344, 0.1467,
0.3628

■ 91.5439, 0.2864,
0.3341

■ 91.5439, 0.2864,
0.3341

■ 88.0269, 0.2740,
0.3371

■ 95.6627, 0.2998,
0.3313

■ 85.0720, 0.2629,
0.3403

99.9999, 0.3127,
0.3290

■ 82.6519, 0.2534,
0.3436

■ 80.7330, 0.2457,
0.3471

■ 79.2775, 0.2399,
0.3506

■ 78.2424, 0.2360,
0.3542

■ 77.5765, 0.2341,
0.3577

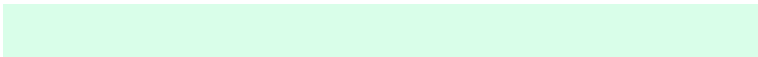
■ 77.2030, 0.2338,
0.3612

■ 77.1784, 0.2338,
0.3615

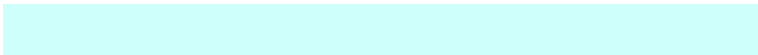
Harmonies

Analogous

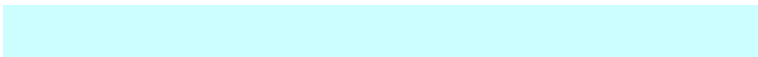
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5439, 0.3018, 0.3502



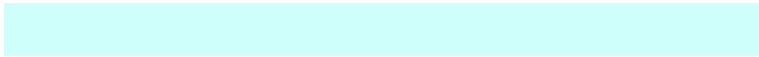
91.5439, 0.2864, 0.3341



91.5439, 0.2781, 0.3171

Triad

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



91.5439, 0.2864, 0.3341



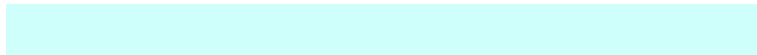
91.5439, 0.3042, 0.3000



91.5439, 0.3478, 0.3531

Complementary

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



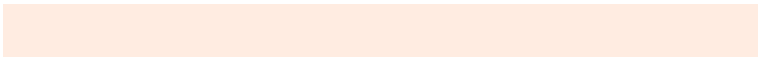
91.5439, 0.2864, 0.3341



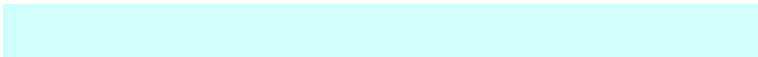
70.1169, 0.3469, 0.3240

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.



91.5439, 0.3487, 0.3392



91.5439, 0.2864, 0.3341



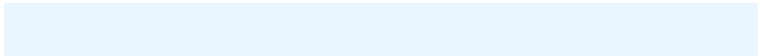
91.5439, 0.3231, 0.3091

Square

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



91.5439, 0.2864, 0.3341



91.5439, 0.2881, 0.2980



91.5439, 0.3395, 0.3233



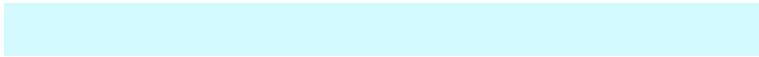
91.5439, 0.3374, 0.3611

Rectangle

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



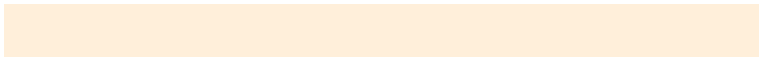
91.5439, 0.2864, 0.3341



91.5439, 0.2774, 0.3077



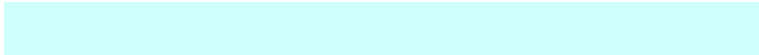
91.5439, 0.3395, 0.3233



91.5439, 0.3493, 0.3490

Sweetspot

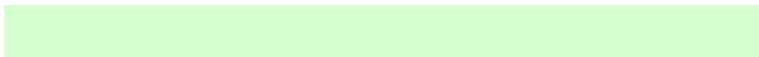
The Sweet Spot groups the original color and five complimentary colors.



91.5477, 0.2864, 0.3341



97.1128, 0.3042, 0.3305



89.9351, 0.3138, 0.3814



20.7218, 0.3033, 0.3307



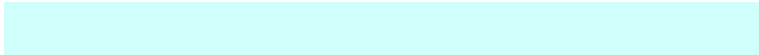
0.0000, 0.0000, 0.0000



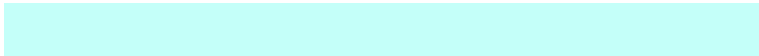
21.4041, 0.3127, 0.3290

Same Dimension

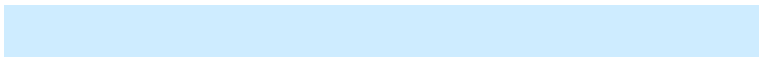
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5477, 0.2864, 0.3341



90.1439, 0.2816, 0.3352



80.4655, 0.2826, 0.3091



20.4477, 0.2994, 0.3314



40.3404, 0.2336, 0.3609



3.9366, 0.2325, 0.3569

Inverse Universe

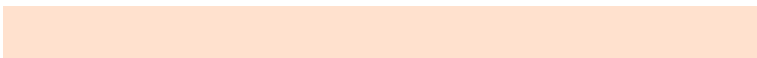
The Inverse Universe completely reimagines the original color for something new.



70.1169, 0.3469, 0.3240



65.1776, 0.3556, 0.3230



79.4579, 0.3472, 0.3481



18.0171, 0.3278, 0.3266



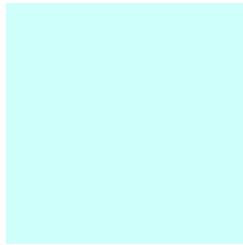
11.1575, 0.6285, 0.3236



1.0959, 0.6070, 0.3118

Previews

White Background



This preview shows how the Yxy color 91.5439, 0.2864, 0.3341 looks on a white background.

Color Contrast Check

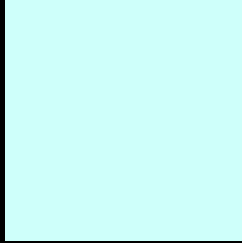
Large Text (above 18pt) WCAG AA × Fail

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 91.5439, 0.2864, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

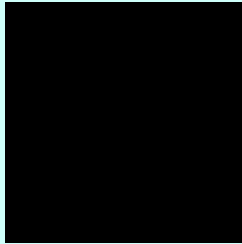
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

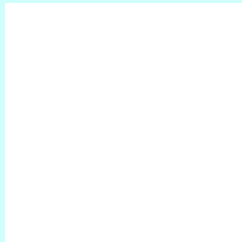
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5439, 0.2864, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 91.5439, 0.2864, 0.3341.

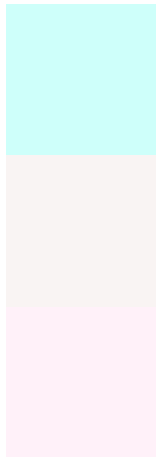


This preview shows how white text looks on a background with the Yxy color 91.5439, 0.2864, 0.3341.

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

91.5439, 0.2864, 0.3341

Protanopia

91.3122, 0.3166, 0.3300

Deuteranopia

91.0101, 0.3170, 0.3213



Tritanopia

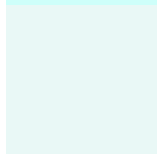
91.0652, 0.2993, 0.3210

Trichromacy



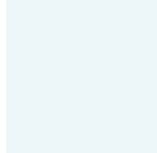
Original Color

91.5439, 0.2864, 0.3341



Protanomaly

91.1123, 0.3044, 0.3310



Deuteranomaly

90.7556, 0.3052, 0.3260



Tritanomaly

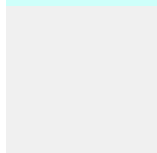
91.1510, 0.2944, 0.3259

Monochromacy



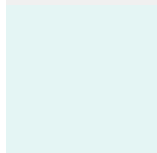
Original Color

91.5439, 0.2864, 0.3341



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3304, 0.3025, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5439, 0.2864, 0.3341 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(206, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 91.5439, 0.2864, 0.3341 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(206, 255, 250) }
```

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

```
.border{ border-color:rgb(206, 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(206, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5439, 0.2864, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 250) }
```

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

```
.background{ background-color: rgb(206,  
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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