

Converting Colors

$Yxy(89.3561, 0.2883, 0.3493)$

Have a look what the booklet for
Yxy(89.3561, 0.2883, 0.3493)
contains.

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Color

Yxy(89.3119, 0.2881, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFEC
RGB	196, 255, 236
RGB Percent	77%, 100%, 93%
CMY	0.2314, 0.0000, 0.0745
CMYK	0.23, 0.00, 0.07, 0.00
HSL	161°, 100%, 88%
HSV	161°, 23%, 100%
XYZ	73.6638, 89.3119, 92.7126
YIQ	235.1930, -29.0650, -18.4170

Conversions

Conversions Part 2

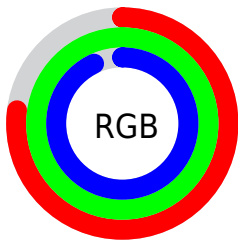
Format	Color
RYB	196, 231, 255
Decimal	12910572
CIELab	95.71, -22.23, 3.04
CIElCh	96, 22.441, 172.213
Yxy	89.3119, 0.2881, 0.3493
Android (android.graphics.Color)	4291100652 (0xFFC4FFEC)
YUV	235.1930, 0.3979, -34.3723
Hunter-Lab	94.5050, -26.2483, 7.9880

Details

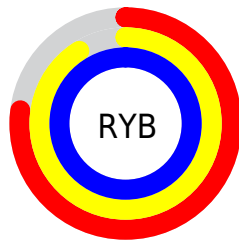
The Yxy color **89.3119, 0.2881, 0.3493** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6437, 0.3455, 0.3097**, and the grayscale version is **83.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **49.3462, 0.2828, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **85.7111, 0.2786, 0.3595**, and if you desaturate by 10%, it is **93.5145, 0.2984, 0.3399**.

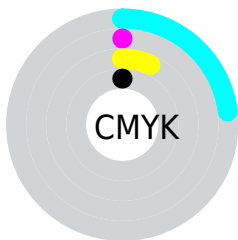
Distribution



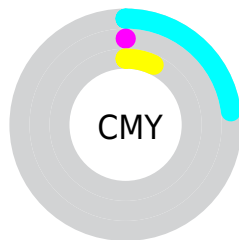
- Red (77%)
- Green (100%)
- Blue (93%)



- Red (77%)
- Yellow (91%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3119, 0.2881, 0.3493 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 89.3119, 0.2881, 0.3493 by changing the saturation by 10% instead.


 89.3119, 0.2881,
0.3493

 89.3119, 0.2881,
0.3493


525.7899, 0.2991,
0.3401

 67.4101, 0.2857,
0.3513


146.3822, 0.2919,
0.3462

 49.4180, 0.2827,
0.3538


182.3195, 0.2933,
0.3449

 34.9511, 0.2790,
0.3570


223.7041, 0.2946,
0.3439

 23.6252, 0.2743,
0.3610

270.9203, 0.2957,
0.3429

 15.0559, 0.2680,
0.3664

324.3526, 0.2967,
0.3421

 8.8586, 0.2593,
0.3739

384.3854, 0.2976,

 4.6491, 0.2464,

0.3414

0.3852

451.4031, 0.2984,
0.3407

2.0429, 0.2254,
0.4040

0.6322, 0.0498,
0.5421

89.3119, 0.2881,
0.3493

89.3119, 0.2881,
0.3493

85.7111, 0.2786,
0.3595

93.5145, 0.2984,
0.3399


82.6843, 0.2702,
0.3705


98.3484, 0.3093,
0.3315


80.1987, 0.2632,
0.3821


100.0000, 0.3127,
0.3290

78.2187, 0.2579,
0.3943

 76.7046, 0.2546,
0.4067

 75.6100, 0.2534,
0.4192

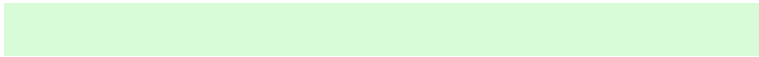
 74.8793, 0.2541,
0.4316

 74.5329, 0.2555,
0.4400

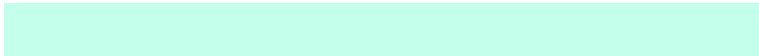
Harmonies

Analogous

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



89.3119, 0.3121, 0.3675



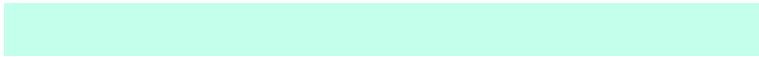
89.3119, 0.2881, 0.3493



89.3119, 0.2711, 0.3255

Triad

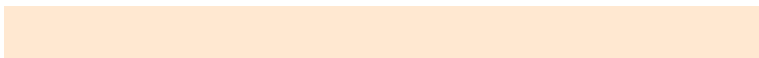
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3119, 0.2881, 0.3493



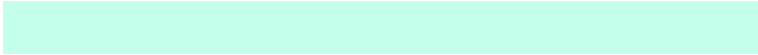
89.3119, 0.2876, 0.2872



89.3119, 0.3630, 0.3510

Complementary

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



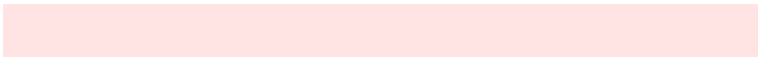
89.3119, 0.2881, 0.3493



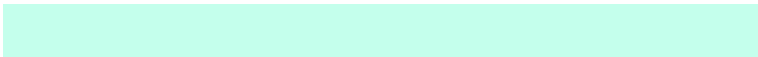
65.6437, 0.3455, 0.3097

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.



89.3119, 0.3561, 0.3300



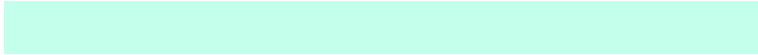
89.3119, 0.2881, 0.3493



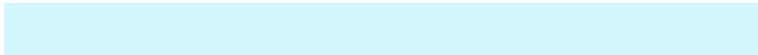
89.3119, 0.3117, 0.2942

Square

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



89.3119, 0.2881, 0.3493



89.3119, 0.2708, 0.2904



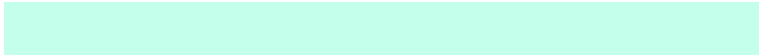
89.3119, 0.3370, 0.3096



89.3119, 0.3558, 0.3674

Rectangle

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



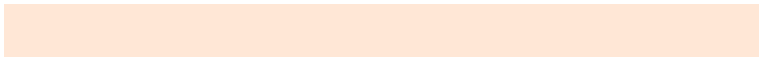
89.3119, 0.2881, 0.3493



89.3119, 0.2656, 0.3105



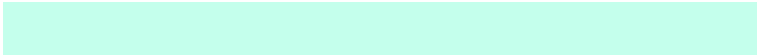
89.3119, 0.3370, 0.3096



89.3119, 0.3623, 0.3442

Sweetspot

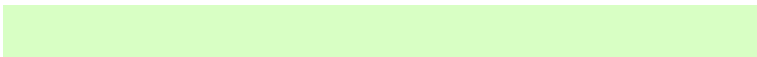
The Sweet Spot groups the original color and five complimentary colors.



89.3113, 0.2881, 0.3493



96.4057, 0.3050, 0.3346



90.0530, 0.3219, 0.3920



20.5716, 0.3044, 0.3351



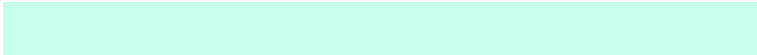
0.0000, 0.0000, 0.0000



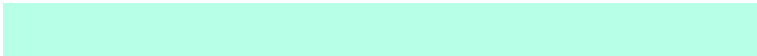
21.4041, 0.3127, 0.3290

Same Dimension

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



89.3113, 0.2881, 0.3493



87.4878, 0.2834, 0.3542



84.3603, 0.2775, 0.3185



20.3761, 0.3023, 0.3368



38.9736, 0.2550, 0.4379



3.8147, 0.2511, 0.4239

Inverse Universe

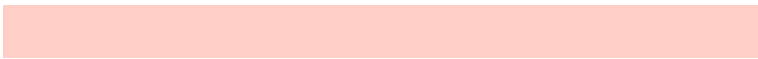
The Inverse Universe completely reimagines the original color for something new.



65.6437, 0.3455, 0.3097



59.8600, 0.3546, 0.3054



69.3058, 0.3585, 0.3393



18.0835, 0.3243, 0.3214



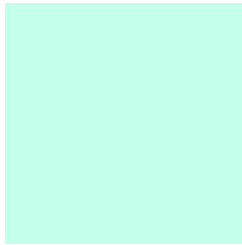
11.4520, 0.5689, 0.2908



1.1340, 0.5370, 0.2732

Previews

White Background



This preview shows how the Yxy color 89.3119, 0.2881, 0.3493 looks on a white background.

Color Contrast Check

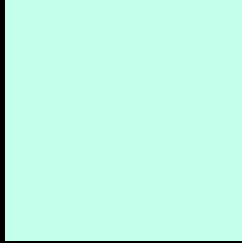
Large Text (above 18pt) WCAG AA × Fail

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 89.3119, 0.2881, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

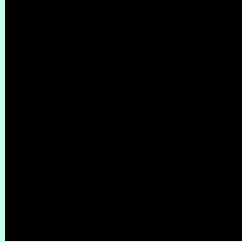
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

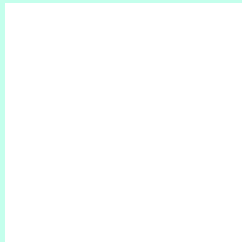
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3119, 0.2881, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 89.3119, 0.2881, 0.3493.

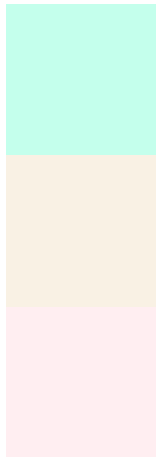


This preview shows how white text looks on a background with the Yxy color 89.3119, 0.2881, 0.3493.

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

89.3119, 0.2881, 0.3493

Protanopia

88.6518, 0.3261, 0.3420

Deuteranopia

88.7599, 0.3222, 0.3261



Tritanopia

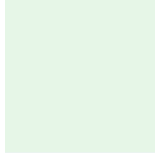
89.1391, 0.2944, 0.3199

Trichromacy



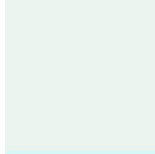
Original Color

89.3119, 0.2881, 0.3493



Protanomaly

88.5041, 0.3114, 0.3444



Deuteranomaly

88.4258, 0.3093, 0.3341



Tritanomaly

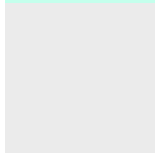
88.8248, 0.2918, 0.3300

Monochromacy



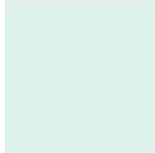
Original Color

89.3119, 0.2881, 0.3493



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.8746, 0.3034, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3119, 0.2881, 0.3493 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(196, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 236)  
}
```

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(196, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 89.3119, 0.2881, 0.3493 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(196, 255, 236) }
```

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

```
.border{ border-color:rgb(196, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3119, 0.2881, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 236) }
```

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

```
.background{ background-color: rgb(196,  
255, 236) }
```

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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