

Converting Colors

Yxy(79.6634, 0.2844, 0.3289)

Have a look what the booklet for
Yxy(79.6634, 0.2844, 0.3289)
contains.

Yxy(79.4343, 0.2844, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.4343, 0.2844, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C2EFEF
RGB	194, 239, 239
RGB Percent	76%, 94%, 94%
CMY	0.2394, 0.0627, 0.0626
CMYK	0.19, 0.00, 0.00, 0.06
HSL	180°, 59%, 85%
HSV	180°, 19%, 94%
XYZ	68.6869, 79.4343, 93.3939
YIQ	225.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

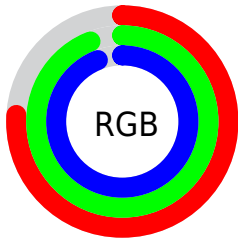
Format	Color
RYB	194, 217, 239
Decimal	12775407
CIELab	91.43, -14.37, -4.80
CIElCh	91, 15.151, 198.479
Yxy	79.4343, 0.2844, 0.3289
Android (android.graphics.Color)	4290965487 (0xFFC2EFEF)
YUV	225.5450, 6.6333, -27.6650
Hunter-Lab	89.1259, -18.4054, 0.2589

Details

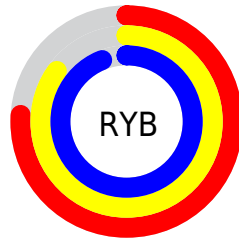
The Yxy color **79.4343, 0.2844, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.8133, 0.3497, 0.3291**, and the grayscale version is **75.6694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **42.8613, 0.2785, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **76.5222, 0.2709, 0.3289**, and if you desaturate by 10%, it is **82.8615, 0.2990, 0.3290**.

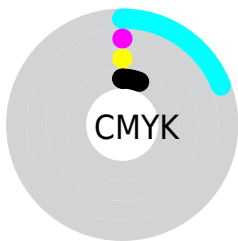
Distribution



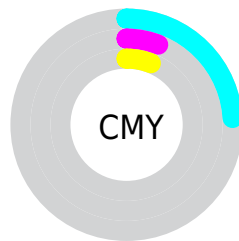
- Red (76%)
- Green (94%)
- Blue (94%)



- Red (76%)
- Yellow (85%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.4343, 0.2844, 0.3289 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 79.4343, 0.2844, 0.3289 by changing the saturation by 10% instead.

79.4343, 0.2844,
0.3289

79.4343, 0.2844,
0.3289

493.0243, 0.2972,
0.3291

59.2530, 0.2815,
0.3288

132.5701, 0.2888,
0.3290

42.8168, 0.2780,
0.3287

166.2933, 0.2905,
0.3290

29.7414, 0.2737,
0.3286

205.2993, 0.2920,
0.3290

19.6424, 0.2680,
0.3283

249.9724, 0.2933,
0.3291

12.1354, 0.2605,
0.3279

300.6971, 0.2945,
0.3291

6.8359, 0.2499,
0.3272

357.8577, 0.2955,

3.3597, 0.2341,

0.3291

421.8387, 0.2964,
0.3291

0.3259

1.3223, 0.2079,
0.3226

0.1584, 0.0000,
0.2376

79.4343, 0.2844,
0.3289

79.4343, 0.2844,
0.3289

76.5222, 0.2709,
0.3289

82.8615, 0.2990,
0.3290

74.0912, 0.2589,
0.3288


86.8167, 0.3145,
0.3290


72.1183, 0.2485,
0.3288


89.2475, 0.3233,
0.3290


70.5747, 0.2400,
0.3287


89.2515, 0.3233,
0.3290

 69.4284, 0.2334,
0.3287


 89.2555, 0.3233,
0.3291

 68.6430, 0.2288,
0.3287


 89.2595, 0.3233,
0.3291


 68.1752, 0.2260,
0.3287

 89.2635, 0.3233,
0.3291

 67.9609, 0.2247,
0.3287

 89.2676, 0.3233,
0.3291

 67.9428, 0.2246,
0.3287

 89.2716, 0.3233,
0.3291

Harmonies

Analogous

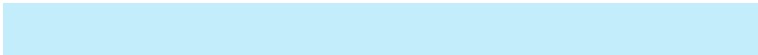
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4343, 0.2974, 0.3450



79.4343, 0.2844, 0.3289



79.4343, 0.2789, 0.3133

Triad

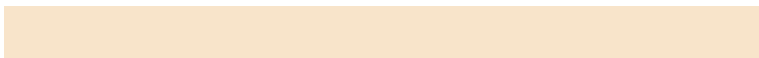
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4343, 0.2844, 0.3289



79.4343, 0.3099, 0.3032



79.4343, 0.3441, 0.3550

Complementary

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



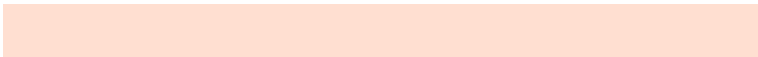
79.4343, 0.2844, 0.3289



60.8133, 0.3497, 0.3291

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.



79.4343, 0.3478, 0.3431



79.4343, 0.2844, 0.3289



79.4343, 0.3278, 0.3137

Square

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



79.4343, 0.2844, 0.3289



79.4343, 0.2933, 0.2992



79.4343, 0.3418, 0.3281



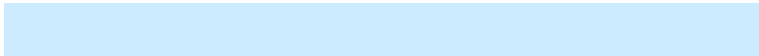
79.4343, 0.3319, 0.3603

Rectangle

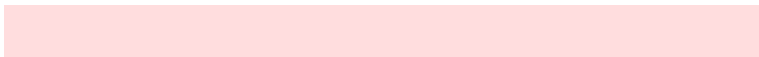
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4343, 0.2844, 0.3289



79.4343, 0.2800, 0.3055



79.4343, 0.3418, 0.3281



79.4343, 0.3464, 0.3516

Sweetspot

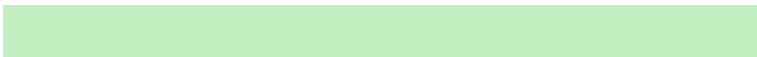
The Sweet Spot groups the original color and five complimentary colors.



79.4376, 0.2844, 0.3289



97.2100, 0.3034, 0.3290



77.1041, 0.3103, 0.3807



20.7449, 0.3024, 0.3290



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.



79.4376, 0.2844, 0.3289



90.5120, 0.2786, 0.3289



67.0573, 0.2829, 0.3036



17.9282, 0.2981, 0.3290



37.5371, 0.2246, 0.3287



3.1230, 0.2246, 0.3287

Inverse Universe

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



63.1478, 0.3149, 0.2822



68.1169, 0.3154, 0.2716



71.6097, 0.3453, 0.3532



16.0314, 0.3138, 0.3057



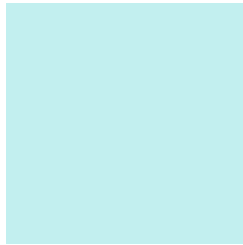
13.5828, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 79.4343, 0.2844, 0.3289 looks on a white background.

Color Contrast Check

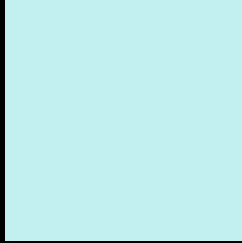
Large Text (above 18pt) WCAG AA × Fail

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 79.4343, 0.2844, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

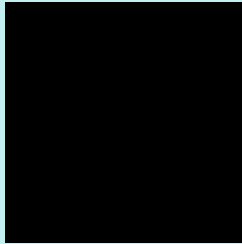
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

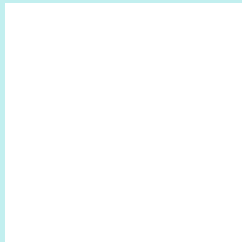
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4343, 0.2844, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 79.4343, 0.2844, 0.3289.

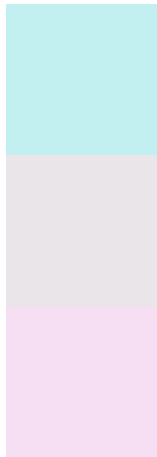


This preview shows how white text looks on a background with the Yxy color 79.4343, 0.2844, 0.3289.

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

79.4343, 0.2844, 0.3289

Protanopia

79.2455, 0.3129, 0.3249

Deuteranopia

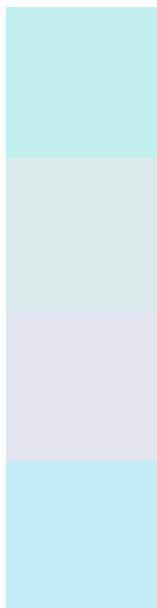
78.7790, 0.3164, 0.3099



Tritanopia

79.2167, 0.2779, 0.3086

Trichromacy



Original Color

79.4343, 0.2844, 0.3289

Protanomaly

79.3361, 0.3022, 0.3269

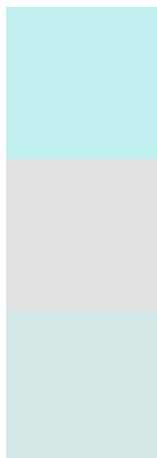
Deuteranomaly

78.7204, 0.3038, 0.3165

Tritanomaly

79.2782, 0.2806, 0.3160

Monochromacy



Original Color

79.4343, 0.2844, 0.3289

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.2175, 0.3013, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4343, 0.2844, 0.3289 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(194, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(194, 239, 239)  
}
```

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(194, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 239, 239) }
```

Border

The CSS property to change the border of an element to Yxy 79.4343, 0.2844, 0.3289 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(194, 239, 239) }
```

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

```
.border{ border-color:rgb(194, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(194, 239,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4343, 0.2844, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 239, 239) }
```

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

```
.background{ background-color: rgb(194,  
239, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor