

Converting Colors

$Yxy(85.1341, 0.2887, 0.3367)$

Have a look what the booklet for
Yxy(85.1341, 0.2887, 0.3367)
contains.

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Color

Yxy(85.2303, 0.2884, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	C9F7F0
RGB	201, 247, 240
RGB Percent	79%, 97%, 94%
CMY	0.2120, 0.0313, 0.0587
CMYK	0.19, 0.00, 0.03, 0.03
HSL	171°, 74%, 88%
HSV	171°, 19%, 97%
XYZ	73.0690, 85.2303, 95.0607
YIQ	232.4480, -25.1690, -11.9290

Conversions

Conversions Part 2

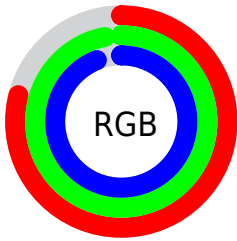
Format	Color
R _Y B	201, 226, 247
Decimal	13236208
CIE Lab	93.98, -16.02, -1.53
CIE LCh	94, 16.096, 185.442
Yxy	85.2303, 0.2884, 0.3364
Android (android.graphics.Color)	4291426288 (0xFFC9F7F0)
YUV	232.4480, 3.7231, -27.5799
Hunter-Lab	92.3203, -20.2825, 3.5742

Details

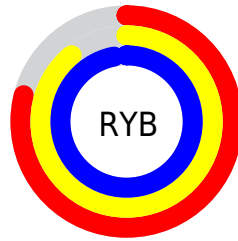
The Yxy color **85.2303, 0.2884, 0.3364** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.0767, 0.3439, 0.3218**, and the grayscale version is **81.0313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8333, 0.2830, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **81.8621, 0.2765, 0.3409**, and if you desaturate by 10%, it is **89.1606, 0.3012, 0.3323**.

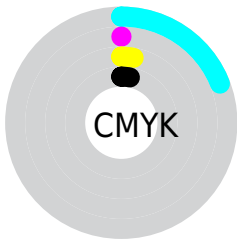
Distribution



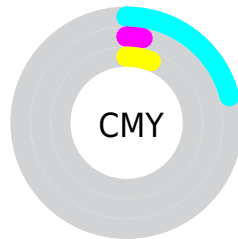
- Red (79%)
- Green (97%)
- Blue (94%)



- Red (79%)
- Yellow (89%)
- Blue (97%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)




- Cyan (21%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2303, 0.2884, 0.3364 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 85.2303, 0.2884, 0.3364 by changing the saturation by 10% instead.

 85.2303, 0.2884,
0.3364

 85.2303, 0.2884,
0.3364

512.3898, 0.2993,
0.3331

 64.0317, 0.2860,
0.3371

140.6949, 0.2921,
0.3353

 46.6763, 0.2830,
0.3380


175.7297, 0.2936,
0.3349

 32.7799, 0.2794,
0.3391


216.1453, 0.2949,
0.3345

 21.9579, 0.2747,
0.3404

262.3261, 0.2960,
0.3341

 13.8259, 0.2685,
0.3422

314.6566, 0.2969,
0.3338

 7.9997, 0.2598,
0.3446

373.5211, 0.2978,

 4.0948, 0.2469,

0.3336

439.3041, 0.2986,
0.3333

0.3482

1.7267, 0.2260,
0.3537

0.4409, 0.0264,
0.4177

85.2303, 0.2884,
0.3364

85.2303, 0.2884,
0.3364

81.8621, 0.2765,
0.3409

89.1606, 0.3012,
0.3323

79.0190, 0.2659,
0.3457

93.6669, 0.3145,
0.3285

76.6762, 0.2567,
0.3507

94.7721, 0.3153,
0.3249

74.8026, 0.2492,
0.3560

95.0104, 0.3131,
0.3214

■ 73.3634, 0.2436,
0.3614

■ 72.3193, 0.2400,
0.3669

■ 71.6235, 0.2384,
0.3723

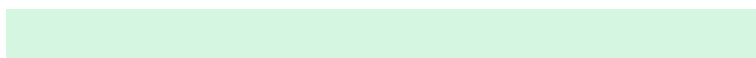
■ 71.2087, 0.2384,
0.3777

■ 71.1620, 0.2384,
0.3784

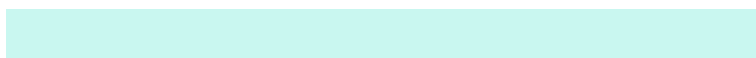
Harmonies

Analogous

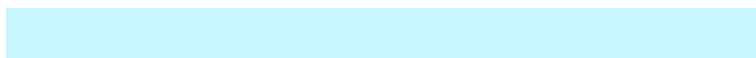
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2303, 0.3043, 0.3518



85.2303, 0.2884, 0.3364



85.2303, 0.2790, 0.3193

Triad

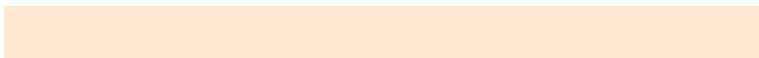
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2303, 0.2884, 0.3364



85.2303, 0.3019, 0.2995



85.2303, 0.3482, 0.3513

Complementary

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



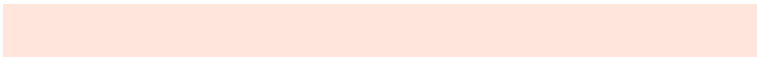
85.2303, 0.2884, 0.3364



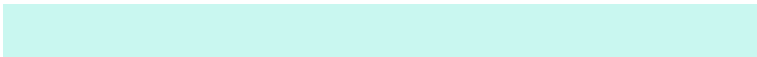
66.0767, 0.3439, 0.3218

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.



85.2303, 0.3476, 0.3370



85.2303, 0.2884, 0.3364



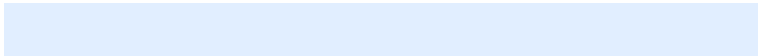
85.2303, 0.3204, 0.3077

Square

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



85.2303, 0.2884, 0.3364



85.2303, 0.2866, 0.2986



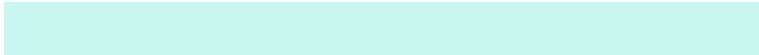
85.2303, 0.3374, 0.3212



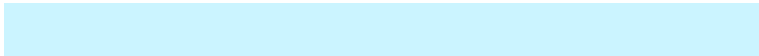
85.2303, 0.3390, 0.3601

Rectangle

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



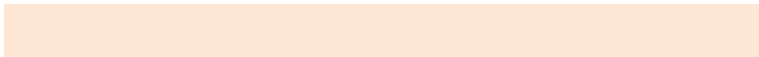
85.2303, 0.2884, 0.3364



85.2303, 0.2776, 0.3096



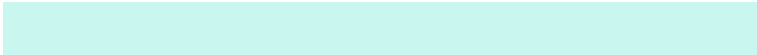
85.2303, 0.3374, 0.3212



85.2303, 0.3492, 0.3469

Sweetspot

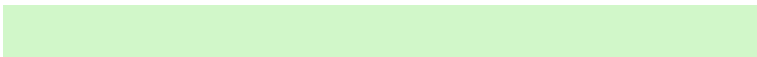
The Sweet Spot groups the original color and five complimentary colors.



85.2338, 0.2884, 0.3364



97.0643, 0.3047, 0.3312



84.2458, 0.3152, 0.3794



20.7103, 0.3038, 0.3315



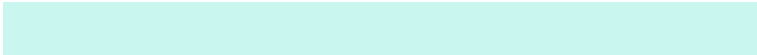
0.0000, 0.0000, 0.0000



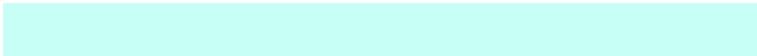
21.4041, 0.3127, 0.3290

Same Dimension

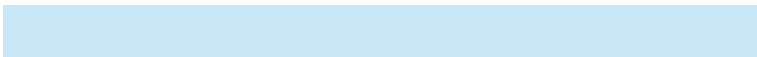
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2338, 0.2884, 0.3364



90.3327, 0.2843, 0.3379



76.6481, 0.2837, 0.3123



18.7121, 0.3001, 0.3326



37.6472, 0.2382, 0.3775



3.3203, 0.2363, 0.3707

Inverse Universe

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



66.0767, 0.3439, 0.3218



66.5857, 0.3510, 0.3204



73.2589, 0.3464, 0.3451



16.5235, 0.3270, 0.3254



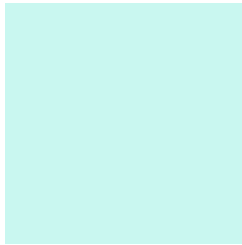
10.5428, 0.6191, 0.3184



0.9386, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 85.2303, 0.2884, 0.3364 looks on a white background.

Color Contrast Check

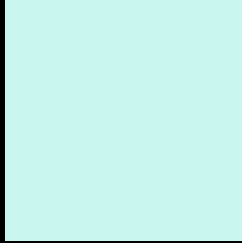
Large Text (above 18pt) WCAG AA × Fail

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 85.2303, 0.2884, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

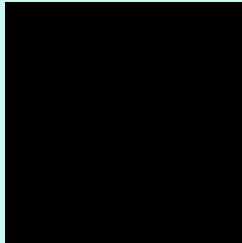
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

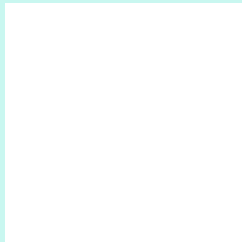
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2303, 0.2884, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 85.2303, 0.2884, 0.3364.

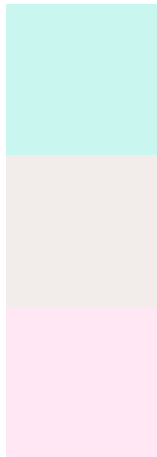


This preview shows how white text looks on a background with the Yxy color 85.2303, 0.2884, 0.3364.

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

85.2303, 0.2884, 0.3364

Protanopia

84.8087, 0.3180, 0.3310

Deuteranopia

84.8829, 0.3214, 0.3173



Tritanopia

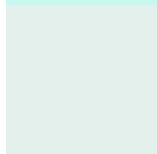
85.3232, 0.2889, 0.3155

Trichromacy



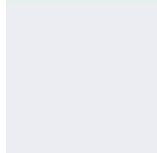
Original Color

85.2303, 0.2884, 0.3364



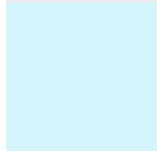
Protanomaly

84.7072, 0.3067, 0.3331



Deuteranomaly

84.6413, 0.3083, 0.3239



Tritanomaly

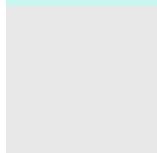
85.4524, 0.2888, 0.3227

Monochromacy



Original Color

85.2303, 0.2884, 0.3364



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

81.9387, 0.3034, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2303, 0.2884, 0.3364 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(201, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(201, 247, 240)  
}
```

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(201, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 247, 240) }
```

Border

The CSS property to change the border of an element to Yxy 85.2303, 0.2884, 0.3364 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(201, 247, 240) }
```

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

```
.border{ border-color:rgb(201, 247, 240) }
```

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

Here you see how a box with a 4 pixel rgb(201, 247, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(201, 247,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2303, 0.2884, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 247, 240) }
```

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

```
.background{ background-color: rgb(201,  
247, 240) }
```

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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