

Converting Colors

$Yxy(84.0216, 0.2860, 0.3403)$

Have a look what the booklet for
Yxy(84.0216, 0.2860, 0.3403)
contains.

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Color

Yxy(84.1053, 0.2860, 0.3398)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C2F7ED |
| RGB | 194, 247, 237 |
| RGB Percent | 76%, 97%, 93% |
| CMY | 0.2393, 0.0313, 0.0706 |
| CMYK | 0.21, 0.00, 0.04, 0.03 |
| HSL | 169°, 77%, 86% |
| HSV | 169°, 21%, 97% |
| XYZ | 70.7890, 84.1053, 92.6198 |
| YIQ | 230.0130, -28.3780, -14.3460 |

Conversions

Conversions Part 2

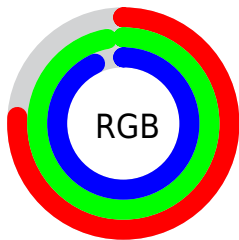
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 223, 247 |
| Decimal | 12777453 |
| CIELab | 93.50, -18.74, -0.71 |
| CIELCh | 93, 18.756, 182.183 |
| Yxy | 84.1053, 0.2860, 0.3398 |
| Android (android.graphics.Color) | 4290967533 (0xFFC2F7ED) |
| YUV | 230.0130, 3.4446, -31.5834 |
| Hunter-Lab | 91.7089, -22.7086, 4.3174 |

Details

The Yxy color **84.1053, 0.2860, 0.3398** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.7076, 0.3482, 0.3185**, and the grayscale version is **79.1288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **46.0868, 0.2800, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **80.8390, 0.2748, 0.3455**, and if you desaturate by 10%, it is **87.9288, 0.2981, 0.3345**.

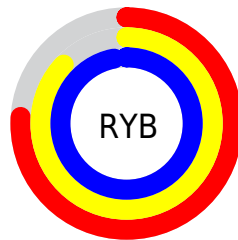
Distribution



Red (76%)

Green (97%)

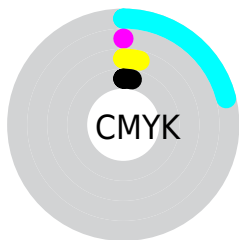
Blue (93%)



Red (76%)

Yellow (87%)

Blue (97%)

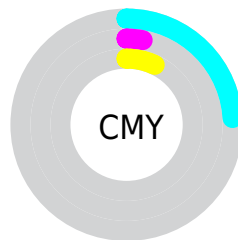


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (3%)



Cyan (24%)


Magenta (3%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1053, 0.2860, 0.3398 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 84.1053, 0.2860, 0.3398 by changing the saturation by 10% instead.


 84.1053, 0.2860,
0.3398

 84.1053, 0.2860,
0.3398


508.6628, 0.2980,
0.3350

 63.1024, 0.2833,
0.3409


 139.1225, 0.2901,
0.3382

 45.9240, 0.2801,
0.3422


173.9055, 0.2917,
0.3375

 32.1859, 0.2760,
0.3438


214.0507, 0.2931,
0.3369

 21.5035, 0.2708,
0.3459

259.9424, 0.2943,
0.3365

 13.4926, 0.2639,
0.3486

311.9651, 0.2954,
0.3360

 7.7686, 0.2542,
0.3524

370.5032, 0.2964,

 3.9472, 0.2398,

0.3356

0.3580

435.9409, 0.2972,
0.3353

1.6441, 0.2162,
0.3671

0.3871, 0.0000,
0.4509

84.1053, 0.2860,
0.3398

84.1053, 0.2860,
0.3398

80.8390, 0.2748,
0.3455

87.9288, 0.2981,
0.3345

78.0925, 0.2649,
0.3517

92.3242, 0.3108,
0.3297

75.8403, 0.2565,
0.3582

94.7529, 0.3155,
0.3252

74.0503, 0.2498,
0.3649

95.0086, 0.3131,
0.3214

■ 72.6866, 0.2451,
0.3718

■ 71.7080, 0.2424,
0.3787

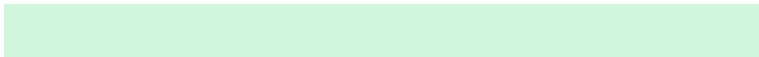
■ 71.0650, 0.2415,
0.3856

■ 70.7160, 0.2421,
0.3914

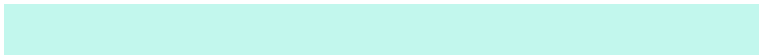
Harmonies

Analogous

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



84.1053, 0.3051, 0.3574



84.1053, 0.2860, 0.3398



84.1053, 0.2742, 0.3196

Triad

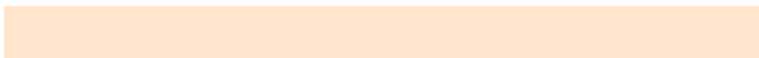
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1053, 0.2860, 0.3398



84.1053, 0.2977, 0.2942



84.1053, 0.3548, 0.3533

Complementary

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



84.1053, 0.2860, 0.3398



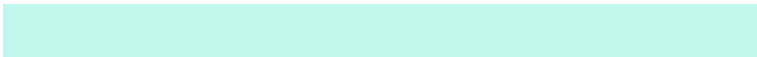
62.7076, 0.3482, 0.3185

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.



84.1053, 0.3529, 0.3362



84.1053, 0.2860, 0.3398



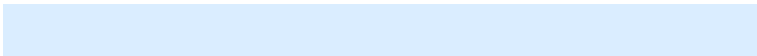
84.1053, 0.3193, 0.3029

Square

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



84.1053, 0.2860, 0.3398



84.1053, 0.2807, 0.2940



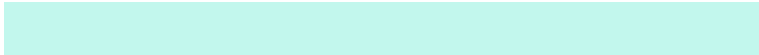
84.1053, 0.3397, 0.3180



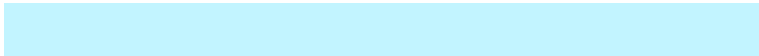
84.1053, 0.3451, 0.3647

Rectangle

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



84.1053, 0.2860, 0.3398



84.1053, 0.2717, 0.3078



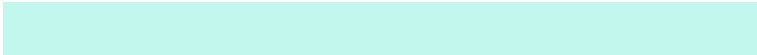
84.1053, 0.3397, 0.3180



84.1053, 0.3555, 0.3480

Sweetspot

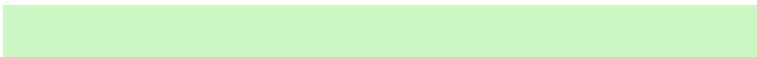
The Sweet Spot groups the original color and five complimentary colors.



84.1088, 0.2860, 0.3398



97.0281, 0.3050, 0.3318



83.3422, 0.3167, 0.3878



20.7017, 0.3041, 0.3321



0.0000, 0.0000, 0.0000



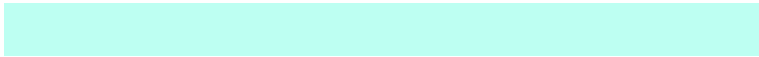
21.4041, 0.3127, 0.3290

Same Dimension

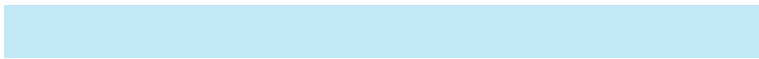
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1088, 0.2860, 0.3398



88.7402, 0.2808, 0.3424



75.3901, 0.2795, 0.3115



18.7010, 0.3006, 0.3335



37.4154, 0.2417, 0.3903



3.3020, 0.2394, 0.3817

Inverse Universe

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



62.7076, 0.3482, 0.3185



61.7536, 0.3581, 0.3162



69.7069, 0.3528, 0.3458



16.5336, 0.3264, 0.3246



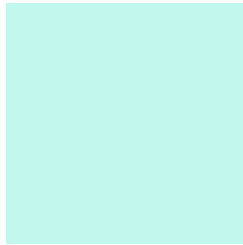
10.5801, 0.6105, 0.3137



0.9435, 0.5778, 0.2957

Previews

White Background



This preview shows how the Yxy color 84.1053, 0.2860, 0.3398 looks on a white background.

Color Contrast Check

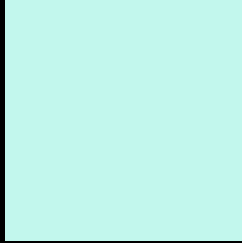
Large Text (above 18pt) WCAG AA × Fail

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 84.1053, 0.2860, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

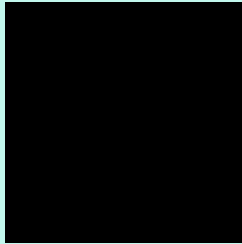
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

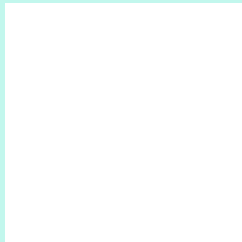
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1053, 0.2860, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 84.1053, 0.2860, 0.3398.

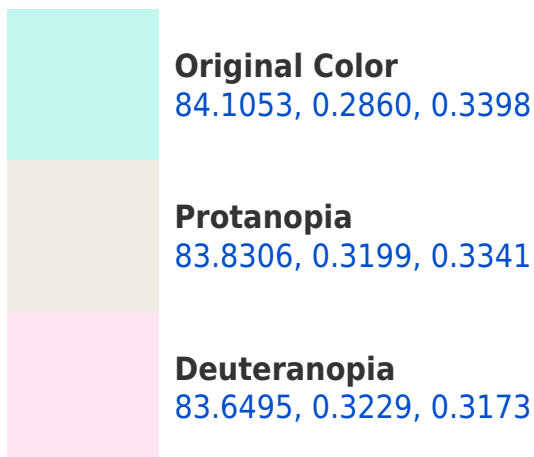


This preview shows how white text looks on a background with the Yxy color 84.1053, 0.2860, 0.3398.

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





Tritanopia

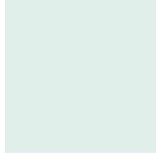
83.9795, 0.2859, 0.3144

Trichromacy



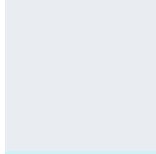
Original Color

84.1053, 0.2860, 0.3398



Protanomaly

83.4635, 0.3065, 0.3353



Deuteranomaly

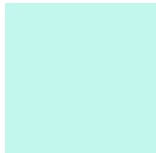
83.6058, 0.3083, 0.3249



Tritanomaly

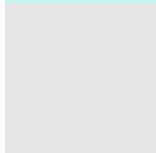
83.8576, 0.2862, 0.3236

Monochromacy



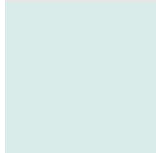
Original Color

84.1053, 0.2860, 0.3398



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

80.6258, 0.3021, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1053, 0.2860, 0.3398 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, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(194, 247, 237)  
}
```

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, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 247, 237) }
```

Border

The CSS property to change the border of an element to Yxy 84.1053, 0.2860, 0.3398 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, 247, 237) }
```

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

```
.border{ border-color:rgb(194, 247, 237) }
```

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

Here you see how a box with a 4 pixel rgb(194, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(194, 247,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1053, 0.2860, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 247, 237) }
```

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

```
.background{ background-color: rgb(194,  
247, 237) }
```

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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