

Converting Colors

$Yxy(84.6406, 0.2891, 0.3388)$

Have a look what the booklet for
Yxy(84.6406, 0.2891, 0.3388)
contains.

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Color

Yxy(84.9153, 0.2895, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	C8F7ED
RGB	200, 247, 237
RGB Percent	78%, 97%, 93%
CMY	0.2156, 0.0314, 0.0706
CMYK	0.19, 0.00, 0.04, 0.03
HSL	167°, 75%, 88%
HSV	167°, 19%, 97%
XYZ	72.3667, 84.9153, 92.6894
YIQ	231.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

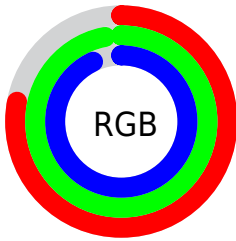
Format	Color
R _Y B	200, 226, 247
Decimal	13170669
CIE Lab	93.85, -16.91, -0.16
CIE LCh	94, 16.912, 180.534
Yxy	84.9153, 0.2895, 0.3397
Android (android.graphics.Color)	4291360749 (0xFFC8F7ED)
YUV	231.8070, 2.5601, -27.8947
Hunter-Lab	92.1495, -21.0822, 4.8673

Details

The Yxy color **84.9153, 0.2895, 0.3397** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.7426, 0.3424, 0.3186**, and the grayscale version is **80.5416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6175, 0.2843, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **81.4848, 0.2784, 0.3461**, and if you desaturate by 10%, it is **88.9113, 0.3015, 0.3338**.

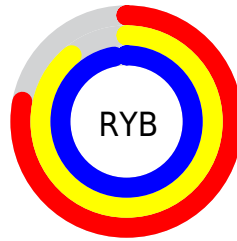
Distribution



Red (78%)

Green (97%)

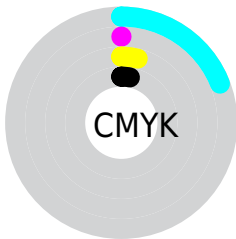
Blue (93%)



Red (78%)

Yellow (89%)

Blue (97%)

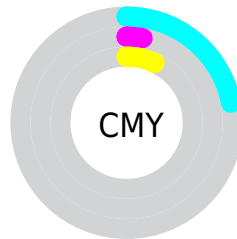


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (3%)



Cyan (22%)


Magenta (3%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9153, 0.2895, 0.3397 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 84.9153, 0.2895, 0.3397 by changing the saturation by 10% instead.


 84.9153, 0.2895,
0.3397

 84.9153, 0.2895,
0.3397


511.3478, 0.2999,
0.3349

 63.7714, 0.2872,
0.3408


140.2548, 0.2931,
0.3381

 46.4655, 0.2844,
0.3421

175.2192, 0.2945,
0.3374

 32.6133, 0.2808,
0.3437


215.5593, 0.2957,
0.3369

 21.8304, 0.2763,
0.3458

261.6594, 0.2967,
0.3364

 13.7323, 0.2703,
0.3485

313.9039, 0.2977,
0.3359

 7.9347, 0.2619,
0.3524

372.6771, 0.2985,

 4.0532, 0.2494,

0.3356

0.3581

438.3637, 0.2993,
0.3352

■ 1.7034, 0.2288,
0.3674

■ 0.4258, 0.0000,
0.4729

■ 84.9153, 0.2895,
0.3397

■ 84.9153, 0.2895,
0.3397

■ 81.4848, 0.2784,
0.3461

■ 88.9113, 0.3015,
0.3338

■ 78.5827, 0.2684,
0.3530


■ 93.4868, 0.3139,
0.3285

■ 76.1841, 0.2598,
0.3603

■ 94.8618, 0.3144,
0.3235

■ 74.2577, 0.2528,
0.3679

■ 95.0040, 0.3131,
0.3214

 72.7685, 0.2478,
0.3757

 71.6770, 0.2448,
0.3836

 70.9359, 0.2437,
0.3915

 70.4748, 0.2444,
0.3993

 70.4361, 0.2445,
0.4001

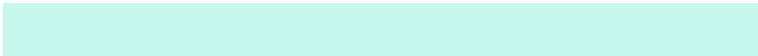
Harmonies

Analogous

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



84.9153, 0.3070, 0.3551



84.9153, 0.2895, 0.3397



84.9153, 0.2783, 0.3216

Triad

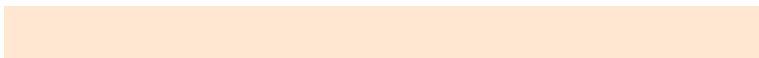
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9153, 0.2895, 0.3397



84.9153, 0.2983, 0.2974



84.9153, 0.3507, 0.3502

Complementary

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



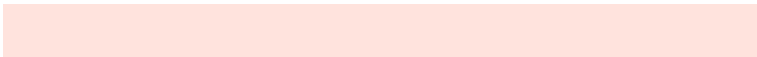
84.9153, 0.2895, 0.3397



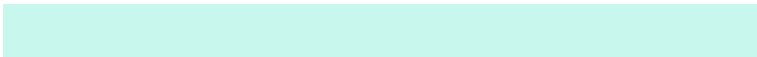
65.7426, 0.3424, 0.3186

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.



84.9153, 0.3483, 0.3347



84.9153, 0.2895, 0.3397



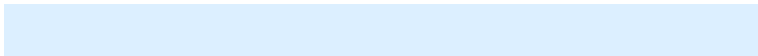
84.9153, 0.3176, 0.3048

Square

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



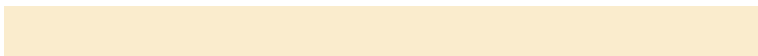
84.9153, 0.2895, 0.3397



84.9153, 0.2833, 0.2977



84.9153, 0.3361, 0.3183



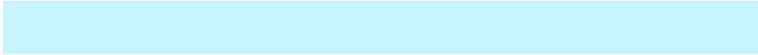
84.9153, 0.3425, 0.3608

Rectangle

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



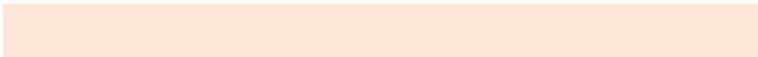
84.9153, 0.2895, 0.3397



84.9153, 0.2758, 0.3108



84.9153, 0.3361, 0.3183



84.9153, 0.3511, 0.3454

Sweetspot

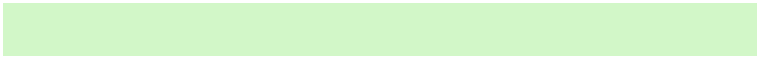
The Sweet Spot groups the original color and five complimentary colors.



84.9188, 0.2895, 0.3397



97.0046, 0.3052, 0.3322



84.4246, 0.3168, 0.3803



20.6962, 0.3044, 0.3325



0.0000, 0.0000, 0.0000



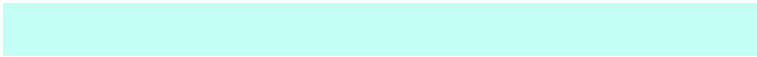
21.4041, 0.3127, 0.3290

Same Dimension

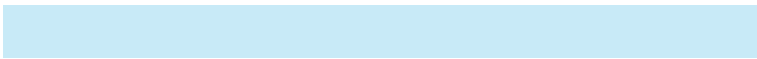
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9188, 0.2895, 0.3397



89.7439, 0.2849, 0.3422



77.6653, 0.2833, 0.3145



18.6938, 0.3009, 0.3341



37.2717, 0.2441, 0.3987



3.2905, 0.2414, 0.3889

Inverse Universe

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



65.7426, 0.3424, 0.3186



65.4937, 0.3503, 0.3163



71.6979, 0.3476, 0.3430



16.5403, 0.3260, 0.3240



10.6088, 0.6040, 0.3101



0.9469, 0.5702, 0.2915

Previews

White Background



This preview shows how the Yxy color 84.9153, 0.2895, 0.3397 looks on a white background.

Color Contrast Check

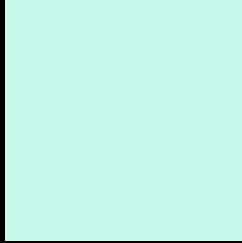
Large Text (above 18pt) WCAG AA × Fail

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 84.9153, 0.2895, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

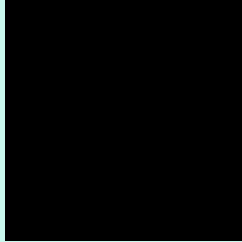
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

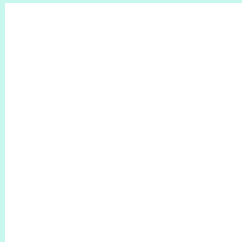
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9153, 0.2895, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 84.9153, 0.2895, 0.3397.



This preview shows how white text looks on a background with the Yxy color 84.9153, 0.2895, 0.3397.

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

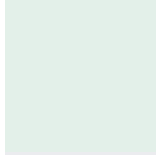
84.5777, 0.2883, 0.3145

Trichromacy



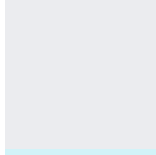
Original Color

84.9153, 0.2895, 0.3397



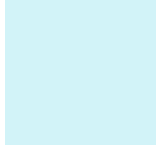
Protanomaly

84.5343, 0.3085, 0.3363



Deuteranomaly

83.8851, 0.3102, 0.3259



Tritanomaly

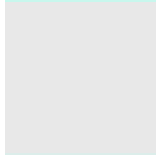
84.5801, 0.2892, 0.3237

Monochromacy



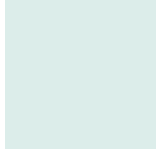
Original Color

84.9153, 0.2895, 0.3397



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

81.7245, 0.3034, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9153, 0.2895, 0.3397 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(200, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 247, 237) }
```

Border

The CSS property to change the border of an element to Yxy 84.9153, 0.2895, 0.3397 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(200, 247, 237) }
```

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

```
.border{ border-color:rgb(200, 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(200, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(200, 247,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9153, 0.2895, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 247, 237) }
```

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

```
.background{ background-color: rgb(200,  
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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