

Converting Colors

$Yxy(84.5690, 0.2865, 0.3215)$

Have a look what the booklet for
Yxy(84.5690, 0.2865, 0.3215)
contains.

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Color

Yxy(84.4132, 0.2869, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	D0F3FA
RGB	208, 243, 250
RGB Percent	82%, 95%, 98%
CMY	0.1845, 0.0470, 0.0196
CMYK	0.17, 0.03, 0.00, 0.02
HSL	190°, 81%, 90%
HSV	190°, 17%, 98%
XYZ	75.3052, 84.4132, 102.7605
YIQ	233.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

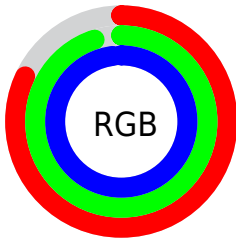
Format	Color
R _Y B	208, 227, 250
Decimal	13693946
CIE Lab	93.63, -9.88, -7.16
CIE LCh	94, 12.201, 215.944
Yxy	84.4132, 0.2869, 0.3216
Android (android.graphics.Color)	4291884026 (0xFFD0F3FA)
YUV	233.3330, 8.2168, -22.2170
Hunter-Lab	91.8767, -14.4796, -1.9999

Details

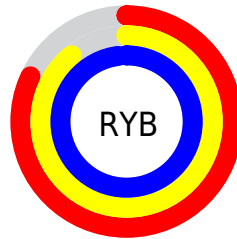
The Yxy color **84.4132, 0.2869, 0.3216** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.4333, 0.3438, 0.3363**, and the grayscale version is **81.6941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2080, 0.2810, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **78.6214, 0.2723, 0.3167**, and if you desaturate by 10%, it is **90.8390, 0.3021, 0.3261**.

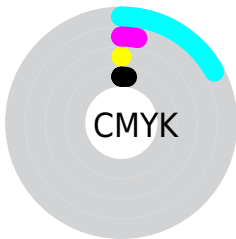
Distribution



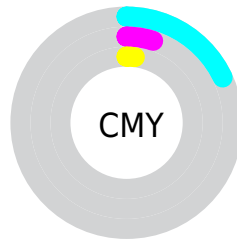
- Red (82%)
- Green (95%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4132, 0.2869, 0.3216 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 84.4132, 0.2869, 0.3216 by changing the saturation by 10% instead.

84.4132, 0.2869,
0.3216

84.4132, 0.2869,
0.3216

509.6844, 0.2984,
0.3251

63.3566, 0.2844,
0.3208

139.5530, 0.2908,
0.3228

46.1298, 0.2813,
0.3198

174.4051, 0.2924,
0.3233

32.3483, 0.2774,
0.3186

214.6244, 0.2937,
0.3237

21.6276, 0.2725,
0.3169

260.5955, 0.2949,
0.3240

13.5835, 0.2659,
0.3147

312.7026, 0.2959,
0.3243

7.8316, 0.2569,
0.3115

371.3302, 0.2969,

3.9874, 0.2436,

0.3246

0.3064

436.8626, 0.2977,
0.3248

1.6665, 0.2222,
0.2976

0.4018, 0.0951,
0.2713

84.4132, 0.2869,
0.3216

84.4132, 0.2869,
0.3216

78.6214, 0.2723,
0.3167

90.8390, 0.3021,
0.3261

73.4262, 0.2586,
0.3114

97.3513, 0.3158,
0.3303

68.8018, 0.2461,
0.3058

99.6817, 0.3156,
0.3338

64.7164, 0.2352,
0.3000

■ 61.1347, 0.2261,
0.2940

■ 58.0168, 0.2190,
0.2880

■ 55.3159, 0.2137,
0.2820

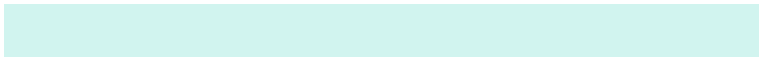
■ 52.9726, 0.2104,
0.2761

■ 52.2736, 0.2095,
0.2742

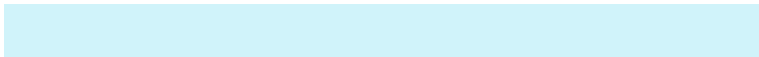
Harmonies

Analogous

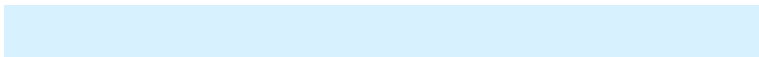
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4132, 0.2940, 0.3345



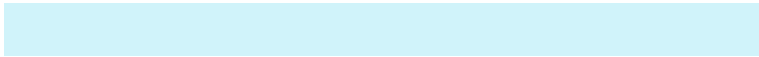
84.4132, 0.2869, 0.3216



84.4132, 0.2865, 0.3112

Triad

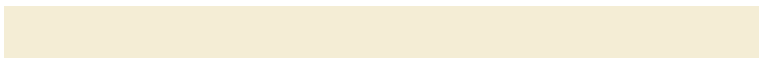
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4132, 0.2869, 0.3216



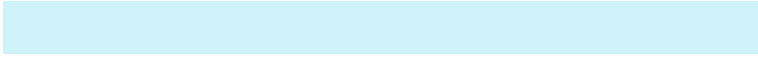
84.4132, 0.3189, 0.3129



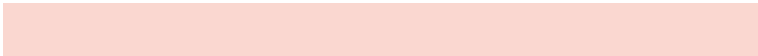
84.4132, 0.3326, 0.3527

Complementary

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



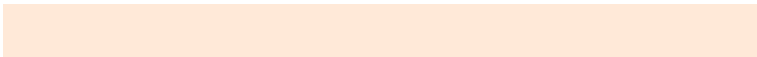
84.4132, 0.2869, 0.3216



73.4333, 0.3438, 0.3363

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.



84.4132, 0.3396, 0.3462



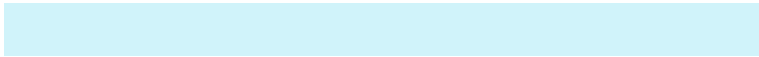
84.4132, 0.2869, 0.3216



84.4132, 0.3316, 0.3233

Square

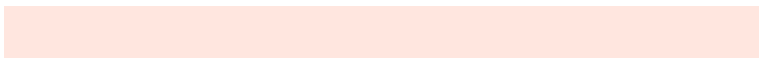
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



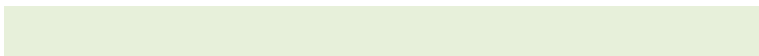
84.4132, 0.2869, 0.3216



84.4132, 0.3047, 0.3065



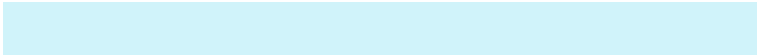
84.4132, 0.3393, 0.3355



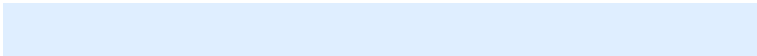
84.4132, 0.3203, 0.3528

Rectangle

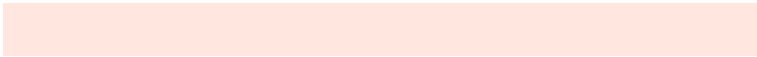
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4132, 0.2869, 0.3216



84.4132, 0.2901, 0.3069



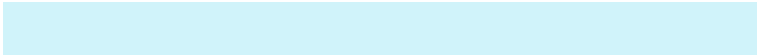
84.4132, 0.3393, 0.3355



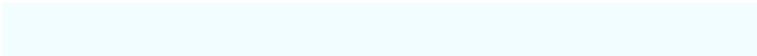
84.4132, 0.3356, 0.3512

Sweetspot

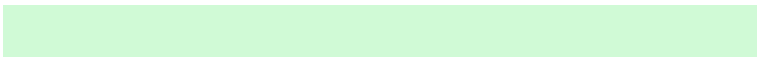
The Sweet Spot groups the original color and five complimentary colors.



84.4167, 0.2869, 0.3216



96.3198, 0.3049, 0.3269



86.6371, 0.3070, 0.3676



20.5087, 0.3038, 0.3266



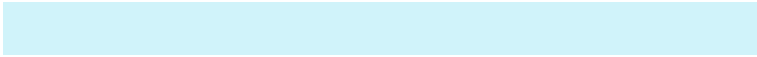
0.0000, 0.0000, 0.0000



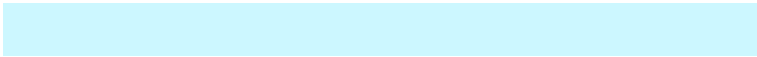
21.4041, 0.3127, 0.3290

Same Dimension

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



84.4167, 0.2869, 0.3216



86.2989, 0.2821, 0.3201



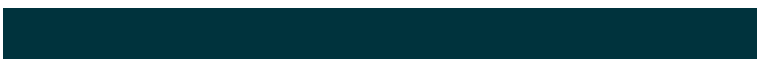
72.8982, 0.2859, 0.2996



19.0897, 0.2980, 0.3250



27.9121, 0.2098, 0.2752



2.7111, 0.2118, 0.2823

Inverse Universe

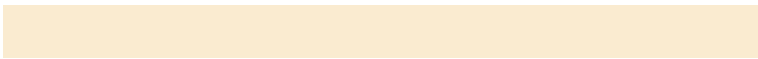
The Inverse Universe completely reimagines the original color for something new.



71.8797, 0.3195, 0.2939



71.1329, 0.3210, 0.2870



84.4493, 0.3404, 0.3567



17.4722, 0.3163, 0.3094



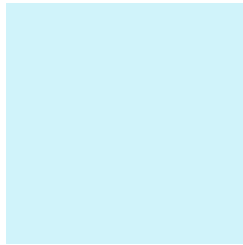
13.2286, 0.3679, 0.1801



1.2379, 0.3614, 0.1764

Previews

White Background



This preview shows how the Yxy color 84.4132, 0.2869, 0.3216 looks on a white background.

Color Contrast Check

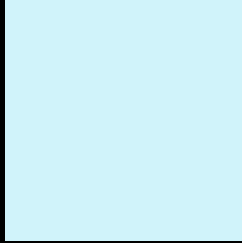
Large Text (above 18pt) WCAG AA × Fail

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 84.4132, 0.2869, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

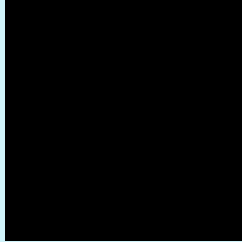
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.4132, 0.2869, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 84.4132, 0.2869, 0.3216.

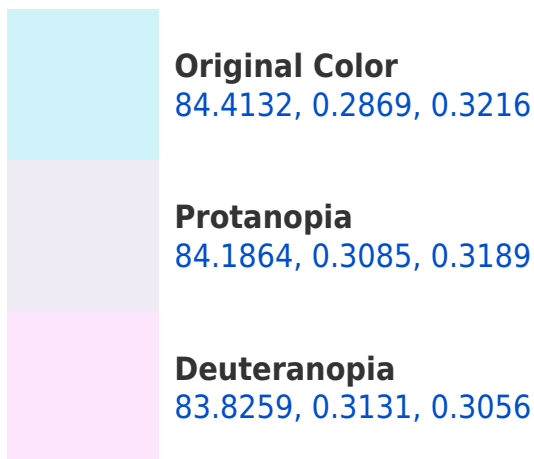


This preview shows how white text looks on a background with the Yxy color 84.4132, 0.2869, 0.3216.

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

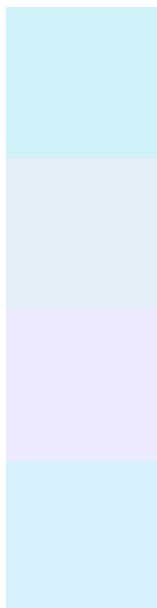




Tritanopia

84.2919, 0.2894, 0.3135

Trichromacy



Original Color

84.4132, 0.2869, 0.3216

Protanomaly

84.1954, 0.3002, 0.3197

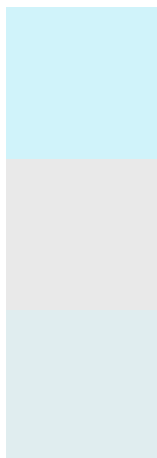
Deuteranomaly

83.7068, 0.3030, 0.3109

Tritanomaly

84.2986, 0.2888, 0.3165

Monochromacy



Original Color

84.4132, 0.2869, 0.3216

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.6477, 0.3030, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4132, 0.2869, 0.3216 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(208, 243, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 243, 250)  
}
```

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(208, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 243, 250) }
```

Border

The CSS property to change the border of an element to Yxy 84.4132, 0.2869, 0.3216 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(208, 243, 250) }
```

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

```
.border{ border-color:rgb(208, 243, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 243,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4132, 0.2869, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 243, 250) }
```

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

```
.background{ background-color: rgb(208,  
243, 250) }
```

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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