

Converting Colors

$Yxy(85.9925, 0.2959, 0.3259)$

Have a look what the booklet for
Yxy(85.9925, 0.2959, 0.3259)
contains.

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Color

Yxy(85.8151, 0.2958, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	DBF3F6
RGB	219, 243, 246
RGB Percent	86%, 95%, 96%
CMY	0.1410, 0.0471, 0.0352
CMYK	0.11, 0.01, 0.00, 0.04
HSL	187°, 60%, 91%
HSV	187°, 11%, 96%
XYZ	77.9132, 85.8151, 99.6698
YIQ	236.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

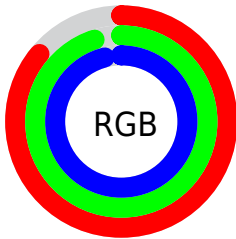
Format	Color
R _Y B	219, 232, 246
Decimal	14414838
CIE Lab	94.23, -7.20, -4.13
CIE LCh	94, 8.302, 209.870
Yxy	85.8151, 0.2958, 0.3258
Android (android.graphics.Color)	4292604918 (0xFFDBF3F6)
YUV	236.1660, 4.8482, -15.0546
Hunter-Lab	92.6364, -11.9839, 1.0539

Details

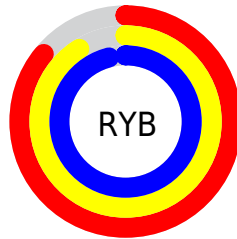
The Yxy color **85.8151, 0.2958, 0.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.0074, 0.3320, 0.3322**, and the grayscale version is **83.9948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1509, 0.2920, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **80.6319, 0.2810, 0.3226**, and if you desaturate by 10%, it is **91.5945, 0.3112, 0.3287**.

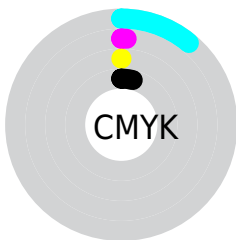
Distribution



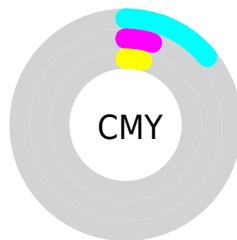
- Red (86%)
- Green (95%)
- Blue (96%)



- Red (86%)
- Yellow (91%)
- Blue (96%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (14%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8151, 0.2958, 0.3258 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 85.8151, 0.2958, 0.3258 by changing the saturation by 10% instead.


 85.8151, 0.2958,
0.3258

 85.8151, 0.2958,
0.3258


514.3213, 0.3034,
0.3273

 64.5151, 0.2941,
0.3255


141.5114, 0.2984,
0.3263

 47.0680, 0.2921,
0.3250


176.6765, 0.2994,
0.3265

 33.0894, 0.2896,
0.3245


217.2322, 0.3003,
0.3267

 22.1949, 0.2863,
0.3238

263.5626, 0.3010,
0.3268

 14.0002, 0.2820,
0.3228

316.0524, 0.3017,
0.3270

 8.1208, 0.2760,
0.3214

375.0858, 0.3023,

 4.1724, 0.2672,

0.3271

0.3193

441.0474, 0.3029,
0.3272

■ 1.7704, 0.2528,
0.3154

■ 0.4686, 0.1754,
0.3048

■ 85.8151, 0.2958,
0.3258

■ 85.8151, 0.2958,
0.3258

■ 80.6319, 0.2810,
0.3226

■ 91.5945, 0.3112,
0.3287

■ 76.0095, 0.2671,
0.3192

■ 95.3809, 0.3183,
0.3314

■ 71.9249, 0.2543,
0.3155

■ 97.1039, 0.3181,
0.3341

■ 68.3492, 0.2431,
0.3117

■ 98.8523, 0.3180,
0.3367

■ 65.2508, 0.2336,
0.3078

■ 99.4357, 0.3179,
0.3376

■ 62.5943, 0.2260,
0.3039

■ 60.3393, 0.2204,
0.2999

■ 58.4372, 0.2167,
0.2960

■ 56.9523, 0.2146,
0.2924

Harmonies

Analogous

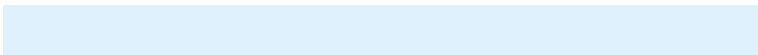
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8151, 0.3015, 0.3344



85.8151, 0.2958, 0.3258



85.8151, 0.2946, 0.3182

Triad

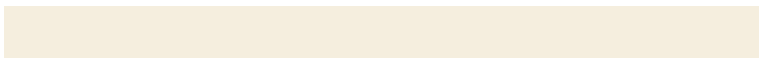
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8151, 0.2958, 0.3258



85.8151, 0.3150, 0.3168



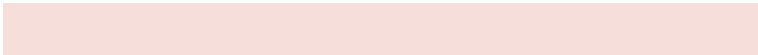
85.8151, 0.3275, 0.3445

Complementary

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



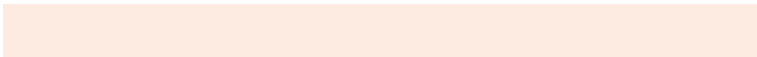
85.8151, 0.2958, 0.3258



77.0074, 0.3320, 0.3322

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.



85.8151, 0.3312, 0.3395



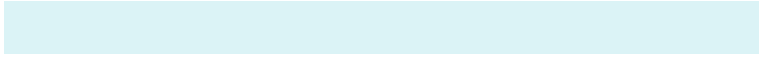
85.8151, 0.2958, 0.3258



85.8151, 0.3240, 0.3236

Square

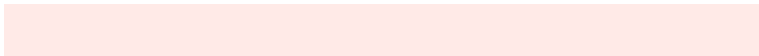
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8151, 0.2958, 0.3258



85.8151, 0.3055, 0.3132



85.8151, 0.3299, 0.3318



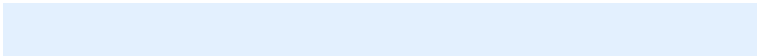
85.8151, 0.3198, 0.3454

Rectangle

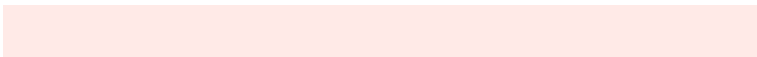
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8151, 0.2958, 0.3258



85.8151, 0.2964, 0.3147



85.8151, 0.3299, 0.3318



85.8151, 0.3292, 0.3432

Sweetspot

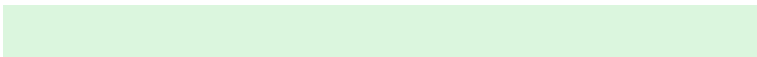
The Sweet Spot groups the original color and five complimentary colors.



85.8187, 0.2958, 0.3258



98.0289, 0.3080, 0.3282



86.2589, 0.3098, 0.3547



20.8716, 0.3068, 0.3279



0.0000, 0.0000, 0.0000



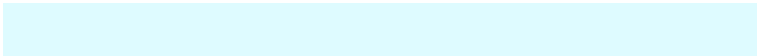
21.4041, 0.3127, 0.3290

Same Dimension

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



85.8187, 0.2958, 0.3258



91.8847, 0.2927, 0.3252



78.2301, 0.2956, 0.3120



18.4200, 0.2981, 0.3263



30.5216, 0.2148, 0.2931



2.7716, 0.2161, 0.2980

Inverse Universe

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



76.7587, 0.3160, 0.3050



80.4045, 0.3167, 0.3003



84.2693, 0.3304, 0.3455



16.7342, 0.3155, 0.3083



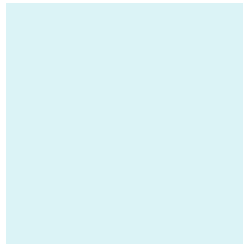
13.1805, 0.3516, 0.1710



1.1674, 0.3472, 0.1686

Previews

White Background



This preview shows how the Yxy color 85.8151, 0.2958, 0.3258 looks on a white background.

Color Contrast Check

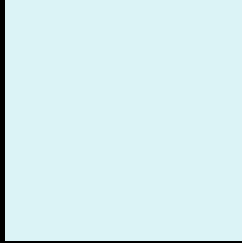
Large Text (above 18pt) WCAG AA × Fail

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 85.8151, 0.2958, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

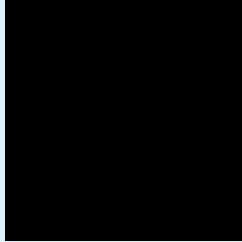
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

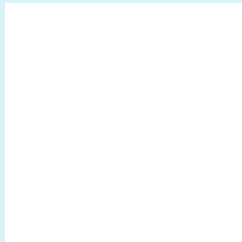
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8151, 0.2958, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 85.8151, 0.2958, 0.3258.

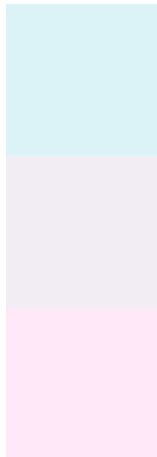


This preview shows how white text looks on a background with the Yxy color 85.8151, 0.2958, 0.3258.

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

85.8151, 0.2958, 0.3258

Protanopia

85.6800, 0.3123, 0.3240

Deuteranopia

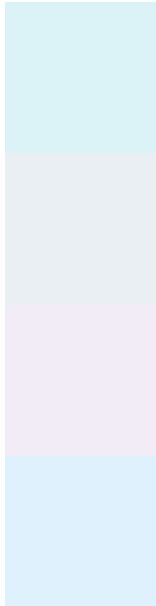
85.7505, 0.3182, 0.3135



Tritanopia

85.7089, 0.2949, 0.3137

Trichromacy



Original Color

85.8151, 0.2958, 0.3258

Protanomaly

85.5277, 0.3064, 0.3249

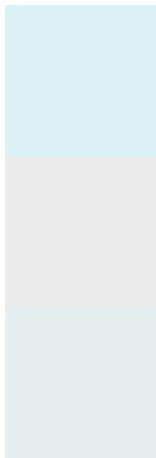
Deuteranomaly

85.5836, 0.3099, 0.3180

Tritanomaly

85.6268, 0.2948, 0.3177

Monochromacy



Original Color

85.8151, 0.2958, 0.3258

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.8473, 0.3062, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8151, 0.2958, 0.3258 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(219, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(219, 243, 246)  
}
```

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(219, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 243, 246) }
```

Border

The CSS property to change the border of an element to Yxy 85.8151, 0.2958, 0.3258 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(219, 243, 246) }
```

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

```
.border{ border-color:rgb(219, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(219, 243,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8151, 0.2958, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 243, 246) }
```

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

```
.background{ background-color: rgb(219,  
243, 246) }
```

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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