

Converting Colors

$Yxy(85.8660, 0.2906, 0.3263)$

Have a look what the booklet for
Yxy(85.8660, 0.2906, 0.3263)
contains.

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Color

Yxy(86.0173, 0.2910, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D4F5F7
RGB	212, 245, 247
RGB Percent	83%, 96%, 97%
CMY	0.1687, 0.0392, 0.0312
CMYK	0.14, 0.01, 0.00, 0.03
HSL	183°, 69%, 90%
HSV	183°, 14%, 97%
XYZ	76.5944, 86.0173, 100.5992
YIQ	235.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

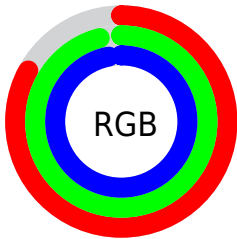
Format	Color
R_{YB}	212, 229, 247
Decimal	13956599
CIE _{Lab}	94.32, -10.23, -4.59
CIE _{LCh}	94, 11.209, 204.158
Yxy	86.0173, 0.2910, 0.3268
Android (android.graphics.Color)	4292146679 (0xFFD4F5F7)
YUV	235.3610, 5.7380, -20.4876
Hunter-Lab	92.7455, -14.8895, 0.6112

Details

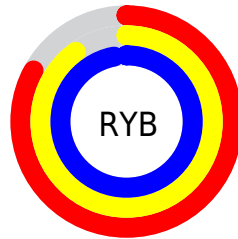
The Yxy color **86.0173, 0.2910, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6431, 0.3388, 0.3312**, and the grayscale version is **83.3363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3249, 0.2861, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **81.7585, 0.2767, 0.3251**, and if you desaturate by 10%, it is **90.8518, 0.3062, 0.3284**.

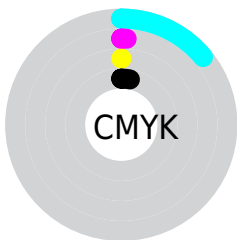
Distribution



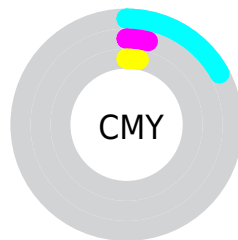
- Red (83%)
- Green (96%)
- Blue (97%)



- Red (83%)
- Yellow (90%)
- Blue (97%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)




- Cyan (17%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0173, 0.2910, 0.3268 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 86.0173, 0.2910, 0.3268 by changing the saturation by 10% instead.


 86.0173, 0.2910,
0.3268

 86.0173, 0.2910,
0.3268

514.9883, 0.3007,
0.3279

 64.6823, 0.2889,
0.3265


141.7936, 0.2943,
0.3272

 47.2035, 0.2863,
0.3262


177.0037, 0.2956,
0.3273

 33.1966, 0.2830,
0.3258


217.6076, 0.2967,
0.3275

 22.2771, 0.2789,
0.3252

263.9898, 0.2977,
0.3276

 14.0606, 0.2734,
0.3245

316.5345, 0.2986,
0.3277

 8.1628, 0.2658,
0.3233

375.6262, 0.2994,

 4.1993, 0.2547,

0.3277

0.3214

441.6493, 0.3001,
0.3278

■ 1.7857, 0.2366,
0.3179

■ 0.4782, 0.1344,
0.3137

■ 86.0173, 0.2910,
0.3268

■ 86.0173, 0.2910,
0.3268

■ 81.7585, 0.2767,
0.3251

■ 90.8518, 0.3062,
0.3284

■ 78.0391, 0.2635,
0.3233


■ 95.0419, 0.3178,
0.3298

■ 74.8353, 0.2517,
0.3214


■ 95.9300, 0.3177,
0.3312

■ 72.1173, 0.2417,
0.3194


■ 96.8249, 0.3176,
0.3326


 69.8521, 0.2335,
0.3174


 97.7267, 0.3175,
0.3340


 68.0025, 0.2273,
0.3154

 98.6354, 0.3174,
0.3353

 66.5257, 0.2230,
0.3135

 99.4984, 0.3173,
0.3366

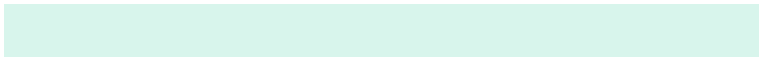
 65.3688, 0.2204,
0.3115

 64.7990, 0.2196,
0.3104

Harmonies

Analogous

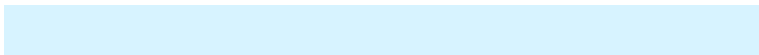
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0173, 0.2996, 0.3385



86.0173, 0.2910, 0.3268



86.0173, 0.2881, 0.3160

Triad

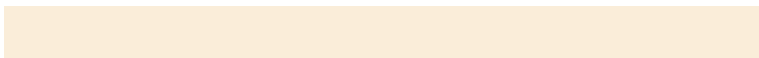
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0173, 0.2910, 0.3268



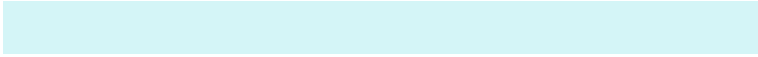
86.0173, 0.3133, 0.3114



86.0173, 0.3341, 0.3490

Complementary

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



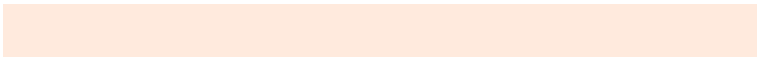
86.0173, 0.2910, 0.3268



72.6431, 0.3388, 0.3312

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.



86.0173, 0.3380, 0.3412



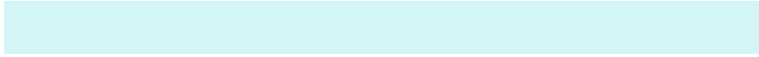
86.0173, 0.2910, 0.3268



86.0173, 0.3258, 0.3197

Square

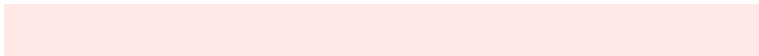
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0173, 0.2910, 0.3268



86.0173, 0.3008, 0.3075



86.0173, 0.3349, 0.3306



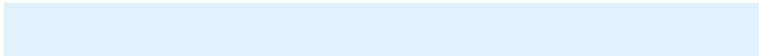
86.0173, 0.3244, 0.3514

Rectangle

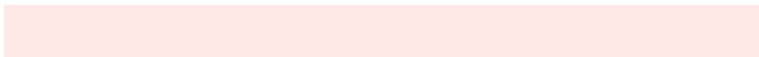
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



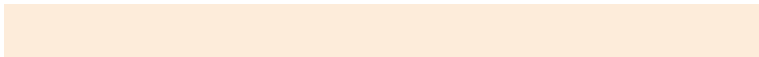
86.0173, 0.2910, 0.3268



86.0173, 0.2898, 0.3109



86.0173, 0.3349, 0.3306



86.0173, 0.3361, 0.3469

Sweetspot

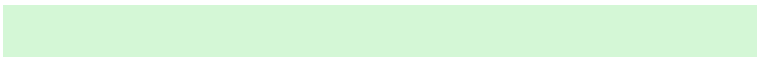
The Sweet Spot groups the original color and five complimentary colors.



86.0209, 0.2910, 0.3268



97.7379, 0.3065, 0.3284



85.3874, 0.3099, 0.3649



20.8313, 0.3053, 0.3283



0.0000, 0.0000, 0.0000



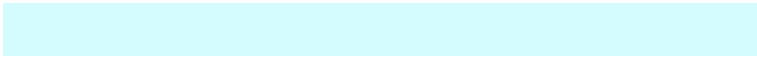
21.4041, 0.3127, 0.3290

Same Dimension

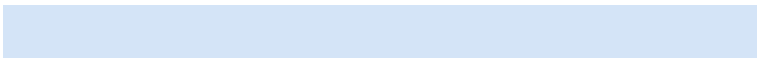
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0209, 0.2910, 0.3268



91.0839, 0.2868, 0.3263



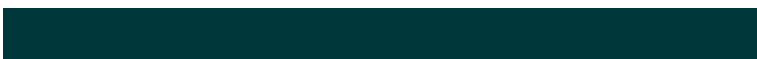
76.0699, 0.2904, 0.3084



18.5826, 0.2981, 0.3276



34.3293, 0.2197, 0.3107



3.0666, 0.2203, 0.3132

Inverse Universe

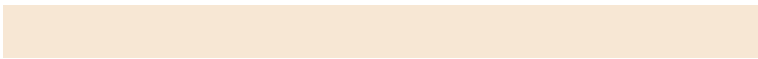
The Inverse Universe completely reimagines the original color for something new.



73.4553, 0.3157, 0.2958



75.2305, 0.3164, 0.2891



81.8385, 0.3363, 0.3488



16.7506, 0.3147, 0.3070



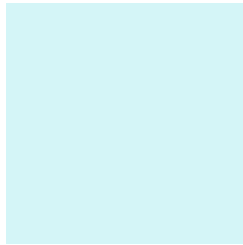
13.5649, 0.3361, 0.1625



1.1972, 0.3340, 0.1614

Previews

White Background



This preview shows how the Yxy color 86.0173, 0.2910, 0.3268 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 86.0173, 0.2910, 0.3268 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 86.0173, 0.2910, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 86.0173, 0.2910, 0.3268.

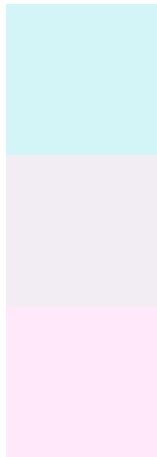


This preview shows how white text looks on a background with the Yxy color 86.0173, 0.2910, 0.3268.

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

86.0173, 0.2910, 0.3268

Protanopia

85.6800, 0.3123, 0.3240

Deuteranopia

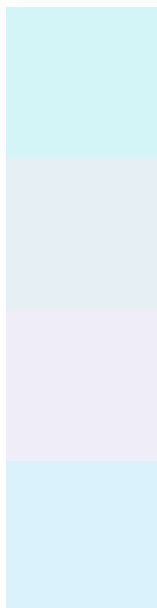
85.8128, 0.3175, 0.3125



Tritanopia

85.6602, 0.2925, 0.3147

Trichromacy



Original Color

86.0173, 0.2910, 0.3268

Protanomaly

85.6748, 0.3038, 0.3249

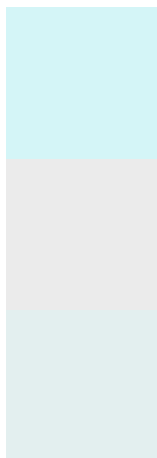
Deuteranomaly

85.6964, 0.3073, 0.3180

Tritanomaly

85.4380, 0.2918, 0.3186

Monochromacy



Original Color

86.0173, 0.2910, 0.3268

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.2959, 0.3049, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0173, 0.2910, 0.3268 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(212, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 245, 247)  
}
```

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(212, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 245, 247) }
```

Border

The CSS property to change the border of an element to Yxy 86.0173, 0.2910, 0.3268 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(212, 245, 247) }
```

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

```
.border{ border-color:rgb(212, 245, 247) }
```

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

Here you see how a box with a 4 pixel rgb(212, 245, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 245,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0173, 0.2910, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 245, 247) }
```

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

```
.background{ background-color: rgb(212,  
245, 247) }
```

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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