

Converting Colors

$Yxy(86.6439, 0.2933, 0.3313)$

Have a look what the booklet for
Yxy(86.6439, 0.2933, 0.3313)
contains.

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Color

Yxy(86.5893, 0.2933, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6F4
RGB	213, 246, 244
RGB Percent	84%, 96%, 96%
CMY	0.1647, 0.0353, 0.0430
CMYK	0.13, 0.00, 0.01, 0.04
HSL	176°, 65%, 90%
HSV	176°, 13%, 96%
XYZ	76.7270, 86.5893, 98.2828
YIQ	235.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

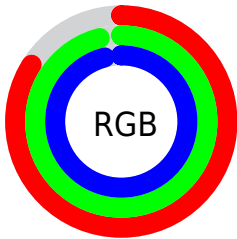
Format	Color
R _Y B	213, 230, 246
Decimal	14022388
CIE Lab	94.56, -11.01, -2.66
CIE LCh	95, 11.327, 193.581
Yxy	86.5893, 0.2933, 0.3310
Android (android.graphics.Color)	4292212468 (0xFFD5F6F4)
YUV	235.9050, 3.9908, -20.0877
Hunter-Lab	93.0534, -15.6615, 2.5154

Details

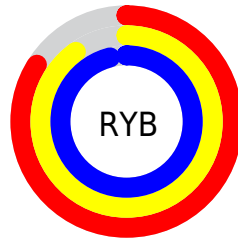
The Yxy color **86.5893, 0.2933, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0822, 0.3360, 0.3270**, and the grayscale version is **83.7864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.7269, 0.2890, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **83.1003, 0.2798, 0.3327**, and if you desaturate by 10%, it is **90.6442, 0.3077, 0.3295**.

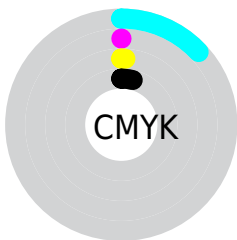
Distribution



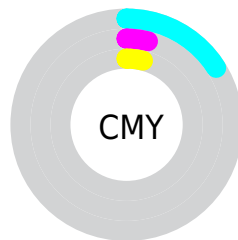
- Red (84%)
- Green (96%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5893, 0.2933, 0.3310 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 86.5893, 0.2933, 0.3310 by changing the saturation by 10% instead.


 86.5893, 0.2933,
0.3310

 86.5893, 0.2933,
0.3310

516.8724, 0.3020,
0.3302

 65.1554, 0.2914,
0.3312

142.5916, 0.2963,
0.3307

 47.5871, 0.2891,
0.3314


177.9287, 0.2974,
0.3306

 33.5000, 0.2862,
0.3316


218.6690, 0.2984,
0.3305

 22.5098, 0.2824,
0.3319

265.1969, 0.2993,
0.3304

 14.2319, 0.2775,
0.3323

317.8968, 0.3001,
0.3304

 8.2822, 0.2707,
0.3328


377.1531, 0.3008,


 4.2760, 0.2607,


0.3303


443.3501, 0.3014,
0.3302


0.3334


 1.8291, 0.2444,
0.3340


 0.5052, 0.1455,
0.3478


 86.5893, 0.2933,
0.3310


 86.5893, 0.2933,
0.3310


 83.1003, 0.2798,
0.3327


 90.6442, 0.3077,
0.3295


 80.1412, 0.2675,
0.3344


 93.8880, 0.3179,
0.3281


 77.6888, 0.2567,
0.3363

 93.9790, 0.3170,
0.3267

 75.7138, 0.2476,
0.3382

 94.0708, 0.3162,
0.3253


 74.1838, 0.2404,
0.3402

 94.1632, 0.3153,
0.3239

 73.0624, 0.2351,
0.3423


 94.2564, 0.3144,
0.3225

 72.3077, 0.2318,
0.3443

 94.3503, 0.3135,
0.3211

 71.8685, 0.2302,
0.3463

 94.3944, 0.3131,
0.3204

 71.7018, 0.2299,
0.3476

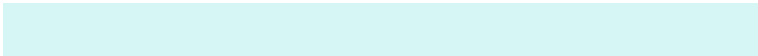
Harmonies

Analogous

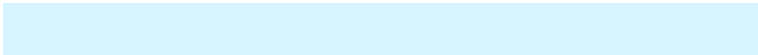
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5893, 0.3036, 0.3423



86.5893, 0.2933, 0.3310



86.5893, 0.2882, 0.3194

Triad

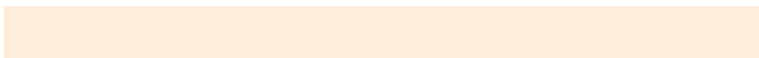
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5893, 0.2933, 0.3310



86.5893, 0.3086, 0.3093



86.5893, 0.3364, 0.3469

Complementary

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



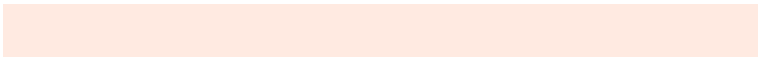
86.5893, 0.2933, 0.3310



72.0822, 0.3360, 0.3270

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.



86.5893, 0.3379, 0.3377



86.5893, 0.2933, 0.3310



86.5893, 0.3217, 0.3163

Square

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



86.5893, 0.2933, 0.3310



86.5893, 0.2969, 0.3072



86.5893, 0.3324, 0.3266



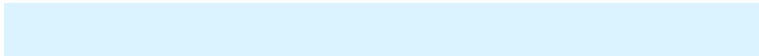
86.5893, 0.3285, 0.3514

Rectangle

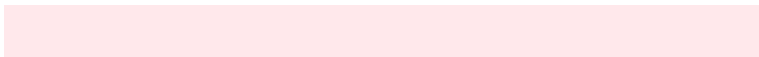
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



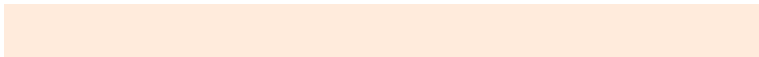
86.5893, 0.2933, 0.3310



86.5893, 0.2884, 0.3132



86.5893, 0.3324, 0.3266



86.5893, 0.3377, 0.3442

Sweetspot

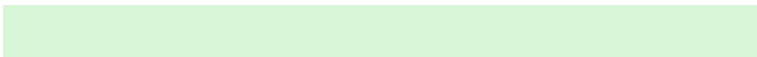
The Sweet Spot groups the original color and five complimentary colors.



86.5929, 0.2933, 0.3310



98.0774, 0.3068, 0.3296



85.1942, 0.3125, 0.3644



20.9176, 0.3057, 0.3297



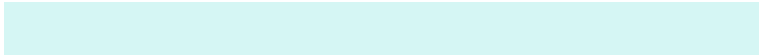
0.0000, 0.0000, 0.0000



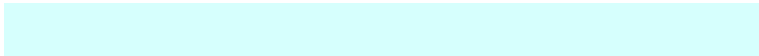
21.4041, 0.3127, 0.3290

Same Dimension

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



86.5929, 0.2933, 0.3310



92.9103, 0.2897, 0.3314



78.3428, 0.2918, 0.3138



18.7397, 0.2989, 0.3304



38.2776, 0.2298, 0.3472



3.3693, 0.2291, 0.3447

Inverse Universe

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



72.0822, 0.3360, 0.3270



74.4453, 0.3414, 0.3266



79.4982, 0.3354, 0.3438



16.4985, 0.3284, 0.3276



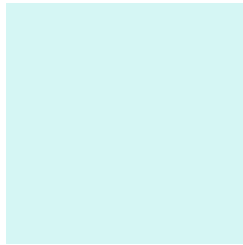
10.4823, 0.6339, 0.3265



0.9268, 0.6186, 0.3181

Previews

White Background



This preview shows how the Yxy color 86.5893, 0.2933, 0.3310 looks on a white background.

Color Contrast Check

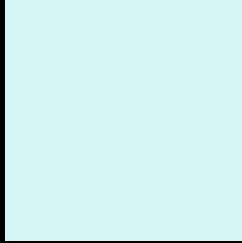
Large Text (above 18pt) WCAG AA × Fail

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 86.5893, 0.2933, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

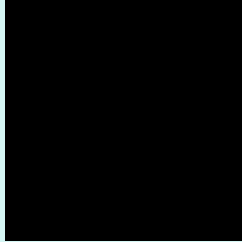
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

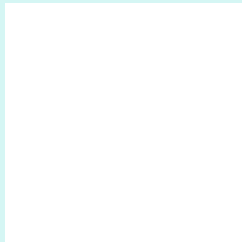
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.5893, 0.2933, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 86.5893, 0.2933, 0.3310.

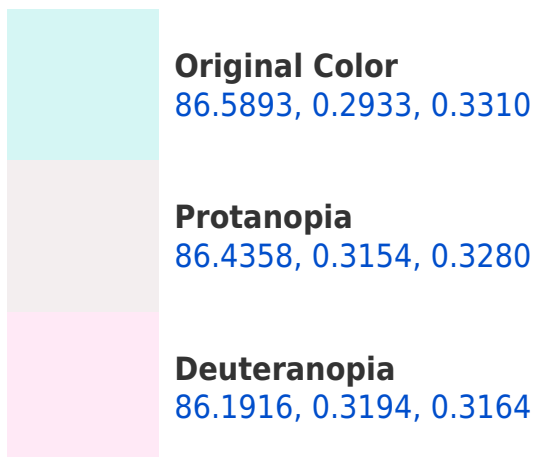


This preview shows how white text looks on a background with the Yxy color 86.5893, 0.2933, 0.3310.

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

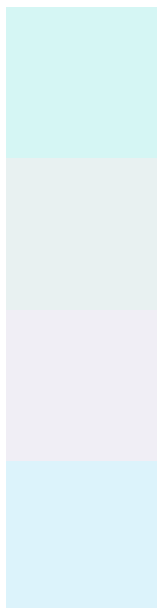




Tritanopia

86.5716, 0.2938, 0.3157

Trichromacy



Original Color

86.5893, 0.2933, 0.3310

Protanomaly

86.4173, 0.3069, 0.3290

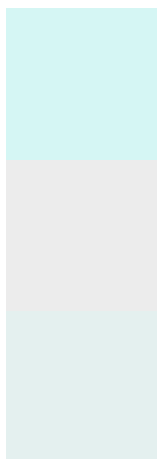
Deuteranomaly

86.2669, 0.3098, 0.3220

Tritanomaly

86.2819, 0.2936, 0.3207

Monochromacy



Original Color

86.5893, 0.2933, 0.3310

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

85.0462, 0.3055, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5893, 0.2933, 0.3310 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(213, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 244)  
}
```

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(213, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 244) }
```

Border

The CSS property to change the border of an element to Yxy 86.5893, 0.2933, 0.3310 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(213, 246, 244) }
```

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

```
.border{ border-color:rgb(213, 246, 244) }
```

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

Here you see how a box with a 4 pixel rgb(213, 246, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5893, 0.2933, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 244) }
```

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

```
.background{ background-color: rgb(213,  
246, 244) }
```

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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