

Converting Colors

$Y_{xy}(85.8738, 0.2928, 0.3289)$

Have a look what the booklet for
Yxy(85.8738, 0.2928, 0.3289)
contains.

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Color

Yxy(86.0435, 0.2927, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D5F5F5
RGB	213, 245, 245
RGB Percent	84%, 96%, 96%
CMY	0.1648, 0.0392, 0.0390
CMYK	0.13, 0.00, 0.00, 0.04
HSL	180°, 62%, 90%
HSV	180°, 13%, 96%
XYZ	76.5732, 86.0435, 98.9932
YIQ	235.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

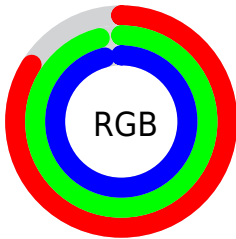
Format	Color
R _Y B	213, 229, 245
Decimal	14022133
CIE Lab	94.33, -10.32, -3.53
CIE LCh	94, 10.904, 198.865
Yxy	86.0435, 0.2927, 0.3289
Android (android.graphics.Color)	4292212213 (0xFFD5F5F5)
YUV	235.4320, 4.7170, -19.6729
Hunter-Lab	92.7596, -14.9773, 1.6574

Details

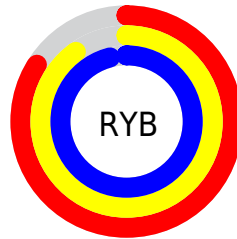
The Yxy color **86.0435, 0.2927, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8163, 0.3367, 0.3291**, and the grayscale version is **83.3988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3384, 0.2882, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **82.6389, 0.2785, 0.3288**, and if you desaturate by 10%, it is **90.0089, 0.3079, 0.3290**.

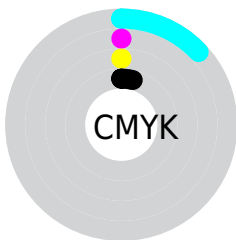
Distribution



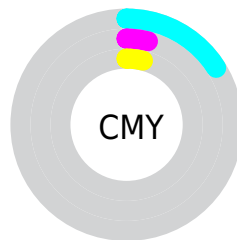
- Red (84%)
- Green (96%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0435, 0.2927, 0.3289 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 86.0435, 0.2927, 0.3289 by changing the saturation by 10% instead.


 86.0435, 0.2927,
0.3289

 86.0435, 0.2927,
0.3289


515.0746, 0.3016,
0.3290

 64.7039, 0.2907,
0.3289

141.8302, 0.2957,
0.3290

 47.2211, 0.2883,
0.3288


177.0461, 0.2969,
0.3290

 33.2104, 0.2853,
0.3287


217.6563, 0.2980,
0.3290

 22.2877, 0.2815,
0.3286

264.0451, 0.2989,
0.3290

 14.0685, 0.2764,
0.3284

316.5969, 0.2997,
0.3290

 8.1683, 0.2694,
0.3281

375.6962, 0.3004,

 4.2028, 0.2590,

0.3290

0.3274

441.7273, 0.3011,
0.3290

■ 1.7877, 0.2422,
0.3261

■ 0.4795, 0.1404,
0.3302

■ 86.0435, 0.2927,
0.3289

■ 86.0435, 0.2927,
0.3289

■ 82.6389, 0.2785,
0.3288

■ 90.0089, 0.3079,
0.3290

■ 79.7596, 0.2656,
0.3288


■ 93.1993, 0.3192,
0.3290


■ 77.3825, 0.2542,
0.3287


■ 93.2163, 0.3192,
0.3291

■ 75.4786, 0.2446,
0.3286

■ 93.2334, 0.3192,
0.3291

 74.0161, 0.2369,
0.3286

 93.2505, 0.3192,
0.3291


 72.9591, 0.2311,
0.3285


 93.2676, 0.3191,
0.3291


 72.2662, 0.2273,
0.3285

 93.2847, 0.3191,
0.3292

 71.8873, 0.2252,
0.3284

 93.3017, 0.3191,
0.3292

 71.7569, 0.2246,
0.3284

 93.3188, 0.3191,
0.3292

Harmonies

Analogous

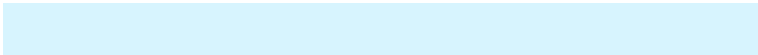
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0435, 0.3019, 0.3400



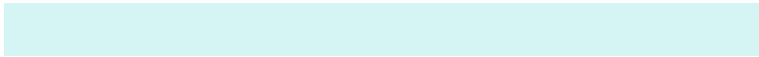
86.0435, 0.2927, 0.3289



86.0435, 0.2888, 0.3181

Triad

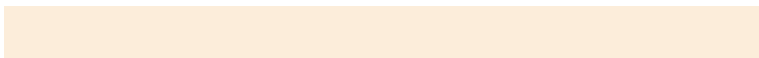
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0435, 0.2927, 0.3289



86.0435, 0.3110, 0.3108



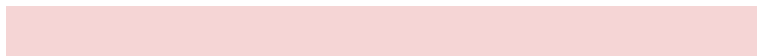
86.0435, 0.3346, 0.3474

Complementary

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



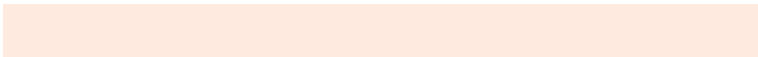
86.0435, 0.2927, 0.3289



71.8163, 0.3367, 0.3291

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.



86.0435, 0.3372, 0.3392



86.0435, 0.2927, 0.3289



86.0435, 0.3234, 0.3183

Square

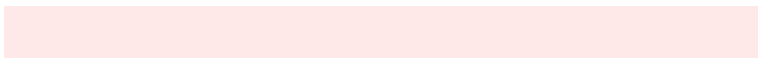
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0435, 0.2927, 0.3289



86.0435, 0.2992, 0.3079



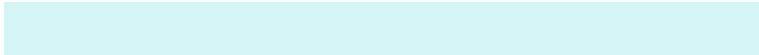
86.0435, 0.3331, 0.3286



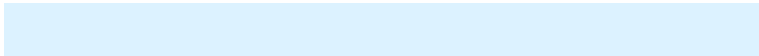
86.0435, 0.3261, 0.3508

Rectangle

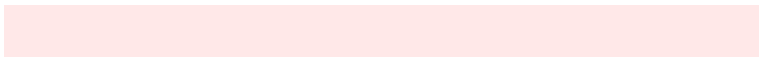
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



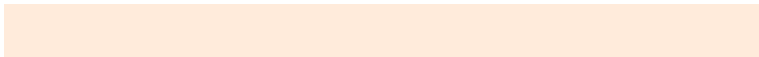
86.0435, 0.2927, 0.3289



86.0435, 0.2897, 0.3125



86.0435, 0.3331, 0.3286



86.0435, 0.3362, 0.3451

Sweetspot

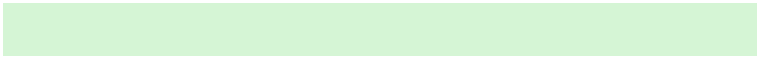
The Sweet Spot groups the original color and five complimentary colors.



86.0471, 0.2927, 0.3289



98.1090, 0.3065, 0.3290



84.2768, 0.3111, 0.3636



20.9257, 0.3053, 0.3290



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.



86.0471, 0.2927, 0.3289



93.0363, 0.2884, 0.3289



76.7807, 0.2922, 0.3119



18.7544, 0.2981, 0.3289



38.6423, 0.2246, 0.3284



3.3973, 0.2246, 0.3284

Inverse Universe

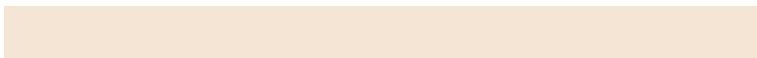
The Inverse Universe completely reimagines the original color for something new.



73.5881, 0.3143, 0.2967



76.6714, 0.3146, 0.2893



80.2667, 0.3345, 0.3455



16.7680, 0.3138, 0.3057



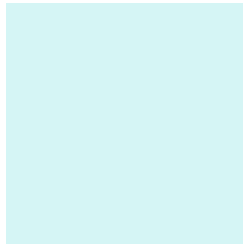
14.0003, 0.3212, 0.1543



1.2306, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 86.0435, 0.2927, 0.3289 looks on a white background.

Color Contrast Check

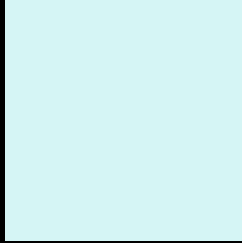
Large Text (above 18pt) WCAG AA × Fail

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 86.0435, 0.2927, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

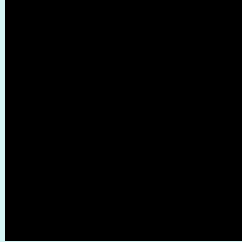
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

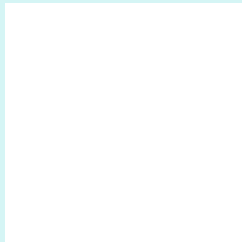
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0435, 0.2927, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 86.0435, 0.2927, 0.3289.

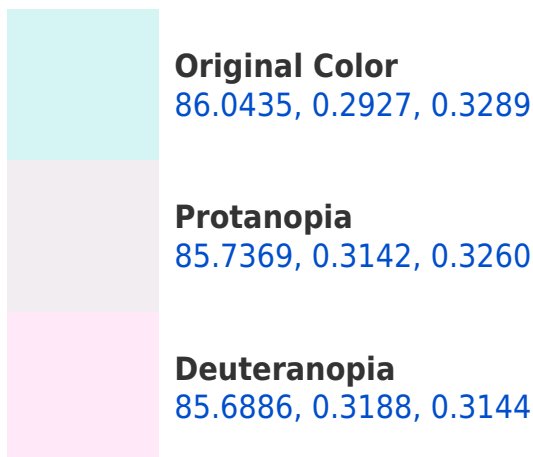


This preview shows how white text looks on a background with the Yxy color 86.0435, 0.2927, 0.3289.

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

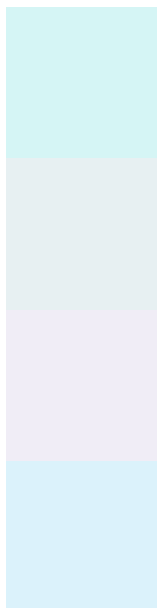




Tritanopia

85.8186, 0.2931, 0.3147

Trichromacy



Original Color

86.0435, 0.2927, 0.3289

Protanomaly

85.7199, 0.3057, 0.3269

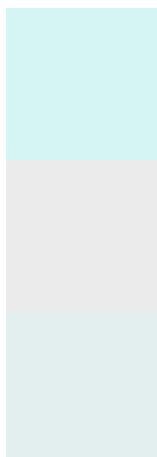
Deuteranomaly

85.7475, 0.3092, 0.3200

Tritanomaly

85.5294, 0.2929, 0.3197

Monochromacy



Original Color

86.0435, 0.2927, 0.3289

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 86.0435, 0.2927, 0.3289 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, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(213, 245, 245)  
}
```

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, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 245, 245) }
```

Border

The CSS property to change the border of an element to Yxy 86.0435, 0.2927, 0.3289 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, 245, 245) }
```

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

```
.border{ border-color:rgb(213, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(213, 245,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0435, 0.2927, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 245, 245) }
```

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

```
.background{ background-color: rgb(213,  
245, 245) }
```

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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