

Converting Colors

$Yxy(86.5096, 0.2970, 0.3279)$

Have a look what the booklet for
Yxy(86.5096, 0.2970, 0.3279)
contains.

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Color

Yxy(86.5096, 0.2970, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DCF4F5
RGB	220, 244, 245
RGB Percent	86%, 96%, 96%
CMY	0.1371, 0.0432, 0.0392
CMYK	0.10, 0.00, 0.00, 0.04
HSL	182°, 56%, 91%
HSV	182°, 10%, 96%
XYZ	78.3573, 86.5096, 98.9623
YIQ	236.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

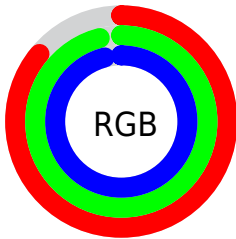
Format	Color
R _Y B	220, 232, 245
Decimal	14480629
CIE Lab	94.53, -7.59, -3.16
CIE LCh	95, 8.222, 202.622
Yxy	86.5096, 0.2970, 0.3279
Android (android.graphics.Color)	4292670709 (0xFFDCF4F5)
YUV	236.9380, 3.9746, -14.8546
Hunter-Lab	93.0105, -12.3901, 2.0234

Details

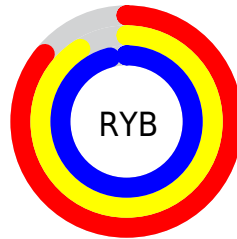
The Yxy color **86.5096, 0.2970, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.3278, 0.3307, 0.3301**, and the grayscale version is **84.6227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6399, 0.2935, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **82.3662, 0.2824, 0.3267**, and if you desaturate by 10%, it is **91.2238, 0.3124, 0.3290**.

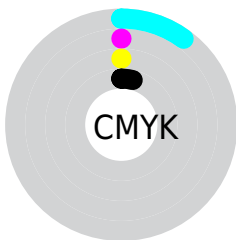
Distribution



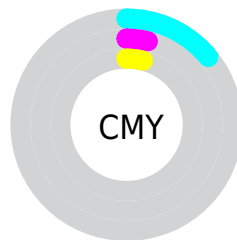
- Red (86%)
- Green (96%)
- Blue (96%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5096, 0.2970, 0.3279 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 86.5096, 0.2970, 0.3279 by changing the saturation by 10% instead.


 86.5096, 0.2970,
0.3279

 86.5096, 0.2970,
0.3279

516.6101, 0.3040,
0.3284

 65.0895, 0.2954,
0.3278

142.4804, 0.2994,
0.3281

 47.5336, 0.2936,
0.3276

177.7999, 0.3003,
0.3282

 33.4577, 0.2912,
0.3274


218.5212, 0.3012,
0.3282

 22.4773, 0.2882,
0.3271

265.0288, 0.3019,
0.3283

 14.2080, 0.2842,
0.3267

317.7071, 0.3025,
0.3283

 8.2655, 0.2787,
0.3261

376.9405, 0.3031,

 4.2653, 0.2705,

0.3284

443.1134, 0.3036,
0.3284

0.3252

■ 1.8230, 0.2572,
0.3234

■ 0.5015, 0.1868,
0.3215

■ 86.5096, 0.2970,
0.3279

■ 86.5096, 0.2970,
0.3279

■ 82.3662, 0.2824,
0.3267

■ 91.2238, 0.3124,
0.3290

■ 78.7584, 0.2688,
0.3255


■ 93.7592, 0.3191,
0.3300

■ 75.6639, 0.2566,
0.3242

■ 94.3681, 0.3190,
0.3309


■ 73.0543, 0.2460,
0.3228

■ 94.9803, 0.3190,
0.3319


 70.8988, 0.2373,
0.3215

 95.5958, 0.3189,
0.3328


 69.1628, 0.2305,
0.3201

 96.2145, 0.3188,
0.3338


 67.8067, 0.2257,
0.3187

 96.8365, 0.3188,
0.3348

 66.7834, 0.2226,
0.3173

 97.4619, 0.3187,
0.3357

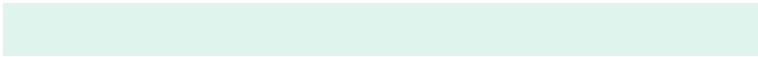
 66.0265, 0.2211,
0.3160

 98.0905, 0.3186,
0.3367

Harmonies

Analogous

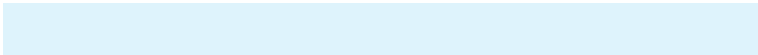
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5096, 0.3035, 0.3363



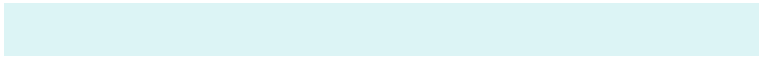
86.5096, 0.2970, 0.3279



86.5096, 0.2946, 0.3199

Triad

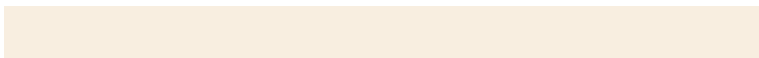
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5096, 0.2970, 0.3279



86.5096, 0.3127, 0.3158



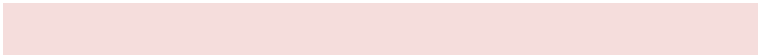
86.5096, 0.3286, 0.3434

Complementary

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



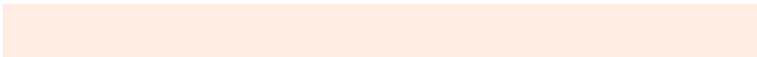
86.5096, 0.2970, 0.3279



76.3278, 0.3307, 0.3301

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.



86.5096, 0.3312, 0.3377



86.5096, 0.2970, 0.3279



86.5096, 0.3219, 0.3218

Square

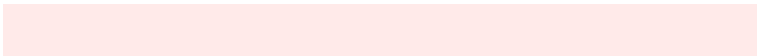
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5096, 0.2970, 0.3279



86.5096, 0.3036, 0.3131



86.5096, 0.3287, 0.3298



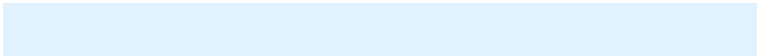
86.5096, 0.3218, 0.3454

Rectangle

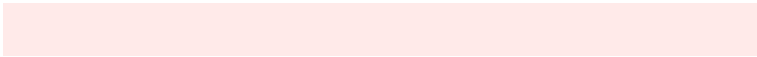
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



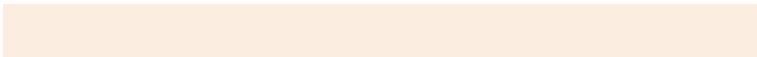
86.5096, 0.2970, 0.3279



86.5096, 0.2957, 0.3160



86.5096, 0.3287, 0.3298



86.5096, 0.3300, 0.3419

Sweetspot

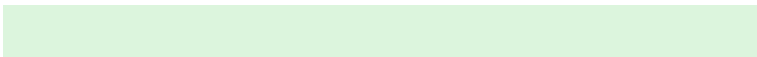
The Sweet Spot groups the original color and five complimentary colors.



86.5132, 0.2970, 0.3279



98.3791, 0.3080, 0.3287



85.7476, 0.3110, 0.3545



20.9665, 0.3068, 0.3286



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.



86.5132, 0.2970, 0.3279



93.8584, 0.2942, 0.3277



79.3564, 0.2969, 0.3150



18.6352, 0.2981, 0.3280



35.6178, 0.2212, 0.3162



3.1658, 0.2217, 0.3179

Inverse Universe

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



77.1538, 0.3146, 0.3049



81.9265, 0.3149, 0.3005



83.0652, 0.3292, 0.3426



16.7560, 0.3144, 0.3066



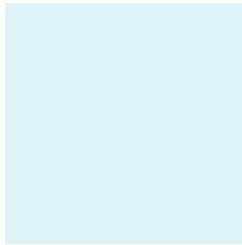
13.6950, 0.3314, 0.1599



1.2072, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 86.5096, 0.2970, 0.3279 looks on a white background.

Color Contrast Check

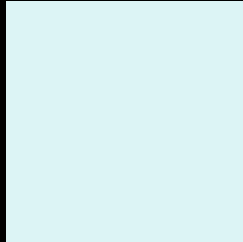
Large Text (above 18pt) WCAG AA × Fail

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 86.5096, 0.2970, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

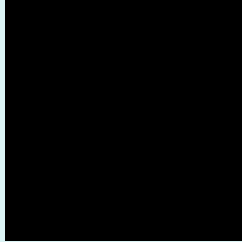
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

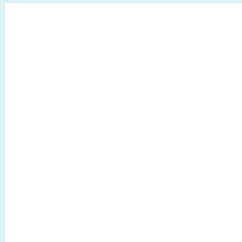
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.5096, 0.2970, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 86.5096, 0.2970, 0.3279.

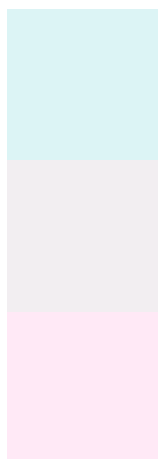


This preview shows how white text looks on a background with the Yxy color 86.5096, 0.2970, 0.3279.

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

86.5096, 0.2970, 0.3279

Protanopia

86.3772, 0.3135, 0.3260

Deuteranopia

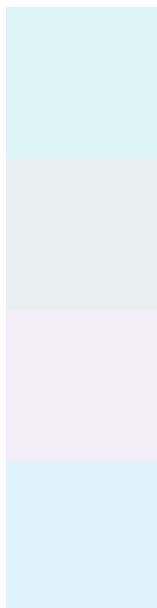
86.1916, 0.3194, 0.3164



Tritanopia

86.4615, 0.2956, 0.3148

Trichromacy



Original Color

86.5096, 0.2970, 0.3279

Protanomaly

86.2234, 0.3076, 0.3270

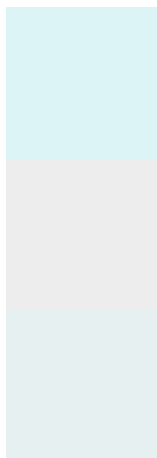
Deuteranomaly

86.0994, 0.3105, 0.3200

Tritanomaly

86.3166, 0.2960, 0.3198

Monochromacy



Original Color

86.5096, 0.2970, 0.3279

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.6004, 0.3069, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5096, 0.2970, 0.3279 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(220, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 244, 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(220, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 244, 245) }
```

Border

The CSS property to change the border of an element to Yxy 86.5096, 0.2970, 0.3279 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(220, 244, 245) }
```

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

```
.border{ border-color:rgb(220, 244, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(220, 244,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5096, 0.2970, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 244, 245) }
```

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

```
.background{ background-color: rgb(220,  
244, 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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