

Converting Colors

Yxy(87.9854, 0.2897, 0.3293)

Have a look what the booklet for
Yxy(87.9854, 0.2897, 0.3293)
contains.

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Color

Yxy(87.7610, 0.2900, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D3F8F8
RGB	211, 248, 248
RGB Percent	83%, 97%, 97%
CMY	0.1725, 0.0275, 0.0273
CMYK	0.15, 0.00, 0.00, 0.03
HSL	180°, 73%, 90%
HSV	180°, 15%, 97%
XYZ	77.3812, 87.7610, 101.6896
YIQ	236.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

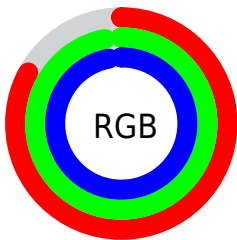
Format	Color
R _{YB}	211, 230, 248
Decimal	13891832
CIE _{Lab}	95.06, -11.83, -4.01
CIE _{LCh}	95, 12.493, 198.732
Y _{xy}	87.7610, 0.2900, 0.3289
Android (android.graphics.Color)	4292081912 (0xFFD3F8F8)
Y _{UV}	236.9370, 5.4541, -22.7467
Hunter-Lab	93.6808, -16.4988, 1.2179

Details

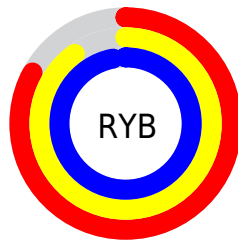
The Yxy color **87.7610, 0.2900, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2777, 0.3407, 0.3291**, and the grayscale version is **84.6126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5730, 0.2849, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **84.3670, 0.2760, 0.3288**, and if you desaturate by 10%, it is **91.7274, 0.3050, 0.3290**.

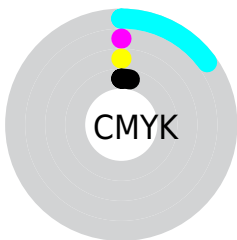
Distribution



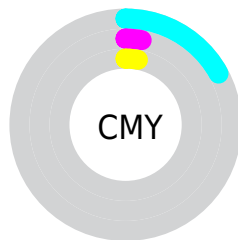
- Red (83%)
- Green (97%)
- Blue (97%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.7610, 0.2900, 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 87.7610, 0.2900, 0.3289 by changing the saturation by 10% instead.

 87.7610, 0.2900,
0.3289

 87.7610, 0.2900,
0.3289


520.7202, 0.3001,
0.3290

 66.1252, 0.2878,
0.3289

144.2244, 0.2934,
0.3290

 48.3740, 0.2851,
0.3288


179.8207, 0.2948,
0.3290

 34.1232, 0.2817,
0.3287


220.8393, 0.2960,
0.3290

 22.9882, 0.2775,
0.3285

267.6646, 0.2970,
0.3290

 14.5848, 0.2718,
0.3283

320.6809, 0.2979,
0.3290

 8.5285, 0.2640,
0.3279


380.2727, 0.2987,


 4.4350, 0.2526,


0.3290


446.8243, 0.2995,
0.3290


0.3271

 1.9197, 0.2344,
0.3255


 0.5602, 0.1438,
0.3306


 87.7610, 0.2900,
0.3289


 87.7610, 0.2900,
0.3289

 84.3670, 0.2760,
0.3288


 91.7274, 0.3050,
0.3290


 81.5088, 0.2633,
0.3288


 95.1974, 0.3172,
0.3290

 79.1622, 0.2523,
0.3287


 95.2095, 0.3172,
0.3290

 77.2967, 0.2430,
0.3287


 95.2216, 0.3172,
0.3291

 75.8789, 0.2357,
0.3286

 95.2338, 0.3172,
0.3291

 74.8710, 0.2303,
0.3286


 95.2459, 0.3172,
0.3291

 74.2290, 0.2268,
0.3285

 95.2580, 0.3172,
0.3291

 73.8987, 0.2251,
0.3285

 95.2702, 0.3172,
0.3291

 73.8100, 0.2246,
0.3285

 95.2823, 0.3172,
0.3292

Harmonies

Analogous

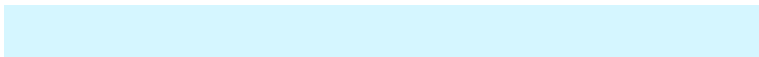
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7610, 0.3004, 0.3416



87.7610, 0.2900, 0.3289



87.7610, 0.2856, 0.3165

Triad

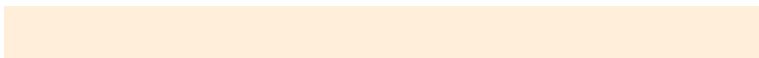
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7610, 0.2900, 0.3289



87.7610, 0.3107, 0.3084



87.7610, 0.3377, 0.3499

Complementary

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



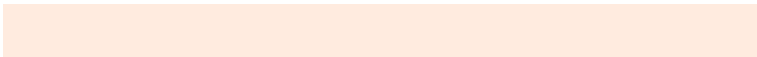
87.7610, 0.2900, 0.3289



71.2777, 0.3407, 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.



87.7610, 0.3406, 0.3405



87.7610, 0.2900, 0.3289



87.7610, 0.3248, 0.3168

Square

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



87.7610, 0.2900, 0.3289



87.7610, 0.2973, 0.3051



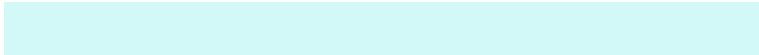
87.7610, 0.3359, 0.3285



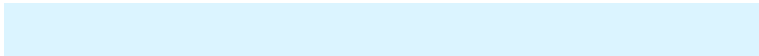
87.7610, 0.3279, 0.3539

Rectangle

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



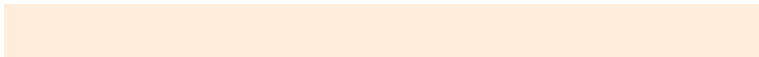
87.7610, 0.2900, 0.3289



87.7610, 0.2866, 0.3102



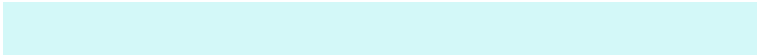
87.7610, 0.3359, 0.3285



87.7610, 0.3395, 0.3472

Sweetspot

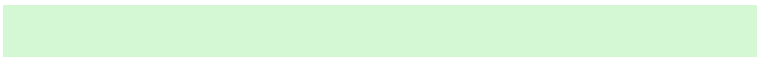
The Sweet Spot groups the original color and five complimentary colors.



87.7646, 0.2900, 0.3289



98.1113, 0.3065, 0.3290



85.7077, 0.3108, 0.3690



20.9263, 0.3053, 0.3290



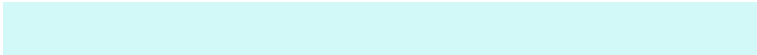
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



87.7646, 0.2900, 0.3289



92.2866, 0.2855, 0.3289



76.9591, 0.2893, 0.3093



19.6061, 0.2980, 0.3289



39.8630, 0.2246, 0.3285



3.6927, 0.2246, 0.3285

Inverse Universe

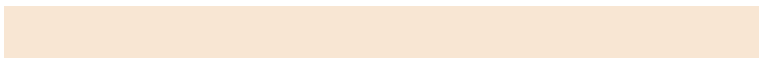
The Inverse Universe completely reimagines the original color for something new.



73.3363, 0.3145, 0.2921



74.1277, 0.3148, 0.2842



80.9942, 0.3379, 0.3480



17.5244, 0.3138, 0.3057



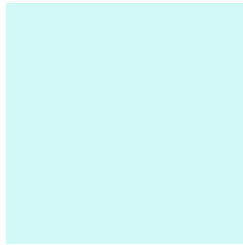
14.4351, 0.3211, 0.1543



1.3370, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 87.7610, 0.2900, 0.3289 looks on a white background.

Color Contrast Check

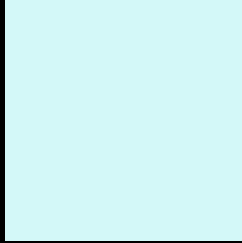
Large Text (above 18pt) WCAG AA × Fail

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 87.7610, 0.2900, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

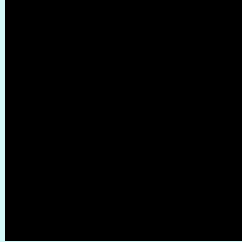
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

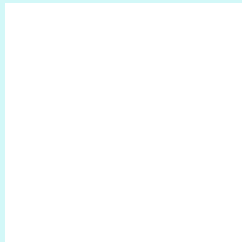
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.7610, 0.2900, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 87.7610, 0.2900, 0.3289.

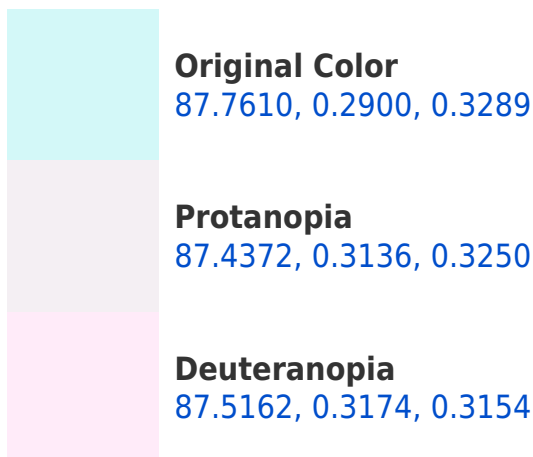


This preview shows how white text looks on a background with the Yxy color 87.7610, 0.2900, 0.3289.

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

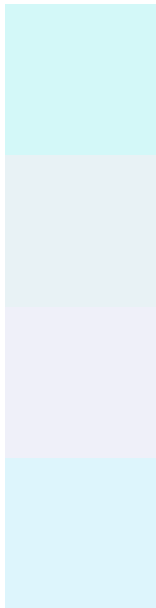




Tritanopia

87.4899, 0.2950, 0.3168

Trichromacy



Original Color

87.7610, 0.2900, 0.3289

Protanomaly

87.2526, 0.3045, 0.3259

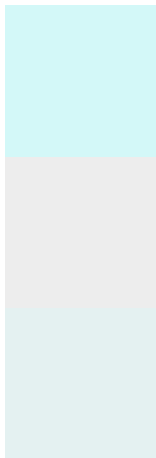
Deuteranomaly

87.5105, 0.3066, 0.3200

Tritanomaly

87.7052, 0.2937, 0.3218

Monochromacy



Original Color

87.7610, 0.2900, 0.3289

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.7554, 0.3043, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.7610, 0.2900, 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(211, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 248)  
}
```

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(211, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 248) }
```

Border

The CSS property to change the border of an element to Yxy 87.7610, 0.2900, 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(211, 248, 248) }
```

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

```
.border{ border-color:rgb(211, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 87.7610, 0.2900, 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(211, 248, 248) }
```

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

```
.background{ background-color: rgb(211,  
248, 248) }
```

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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