

Converting Colors

$Yxy(87.9954, 0.2891, 0.3286)$

Have a look what the booklet for
Yxy(87.9954, 0.2891, 0.3286)
contains.

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Color

Yxy(88.2926, 0.2889, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D2F9F9
RGB	210, 249, 249
RGB Percent	82%, 98%, 98%
CMY	0.1765, 0.0235, 0.0234
CMYK	0.16, 0.00, 0.00, 0.02
HSL	180°, 77%, 90%
HSV	180°, 16%, 98%
XYZ	77.5547, 88.2926, 102.6009
YIQ	237.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

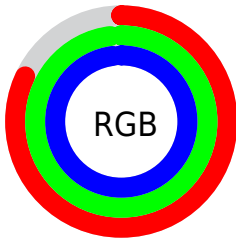
Format	Color
R _Y B	210, 230, 249
Decimal	13826553
CIE Lab	95.28, -12.45, -4.21
CIE LCh	95, 13.139, 198.680
Yxy	88.2926, 0.2889, 0.3289
Android (android.graphics.Color)	4292016633 (0xFFD2F9F9)
YUV	237.3390, 5.7489, -23.9763
Hunter-Lab	93.9641, -17.1097, 1.0352

Details

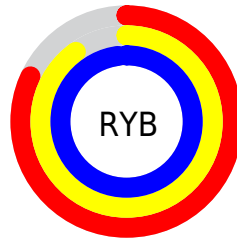
The Yxy color **88.2926, 0.2889, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9012, 0.3424, 0.3291**, and the grayscale version is **84.9337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9587, 0.2836, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **84.9107, 0.2750, 0.3288**, and if you desaturate by 10%, it is **92.2505, 0.3039, 0.3290**.

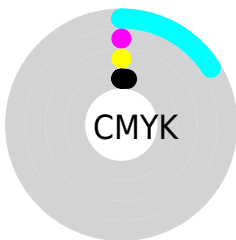
Distribution



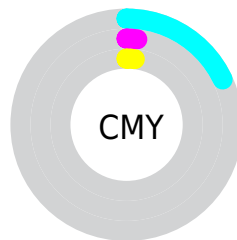
- Red (82%)
- Green (98%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2926, 0.2889, 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 88.2926, 0.2889, 0.3289 by changing the saturation by 10% instead.


 88.2926, 0.2889,
0.3289

 88.2926, 0.2889,
0.3289


522.4610, 0.2995,
0.3290

 66.5654, 0.2866,
0.3288


144.9644, 0.2925,
0.3290

 48.7315, 0.2838,
0.3288

180.6779, 0.2939,
0.3290

 34.4066, 0.2803,
0.3287


221.8222, 0.2951,
0.3290

 23.2061, 0.2758,
0.3285

268.7819, 0.2962,
0.3290

 14.7458, 0.2699,
0.3282

321.9411, 0.2972,
0.3290

 8.6412, 0.2618,
0.3278

381.6845, 0.2980,

 4.5079, 0.2500,

0.3290

448.3963, 0.2988,
0.3290

0.3270

1.9615, 0.2312,
0.3252

0.5850, 0.1426,
0.3308

88.2926, 0.2889,
0.3289

88.2926, 0.2889,
0.3289

84.9107, 0.2750,
0.3288

92.2505, 0.3039,
0.3290

82.0677, 0.2624,
0.3288

95.8763, 0.3165,
0.3290

79.7389, 0.2515,
0.3287


95.8867, 0.3165,
0.3290

77.8935, 0.2424,
0.3287


95.8971, 0.3165,
0.3291

 76.4974, 0.2352,
0.3286


 95.9075, 0.3165,
0.3291

 75.5119, 0.2300,
0.3286


 95.9179, 0.3165,
0.3291

 74.8921, 0.2266,
0.3286

 95.9283, 0.3165,
0.3291

 74.5821, 0.2250,
0.3285

 95.9387, 0.3165,
0.3291

 74.5080, 0.2246,
0.3285

 95.9491, 0.3165,
0.3291

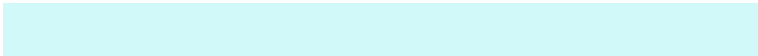
Harmonies

Analogous

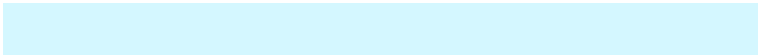
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2926, 0.2998, 0.3423



88.2926, 0.2889, 0.3289



88.2926, 0.2843, 0.3159

Triad

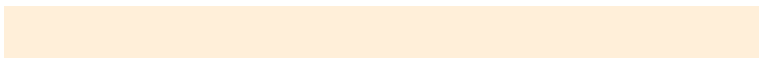
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2926, 0.2889, 0.3289



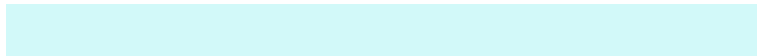
88.2926, 0.3105, 0.3073



88.2926, 0.3389, 0.3509

Complementary

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



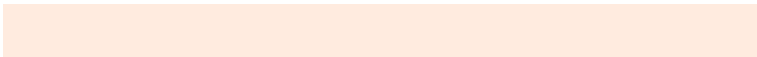
88.2926, 0.2889, 0.3289



70.9012, 0.3424, 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.



88.2926, 0.3420, 0.3410



88.2926, 0.2889, 0.3289



88.2926, 0.3254, 0.3162

Square

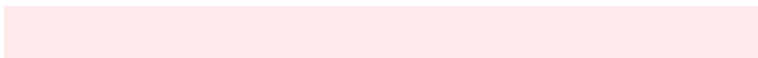
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2926, 0.2889, 0.3289



88.2926, 0.2965, 0.3039



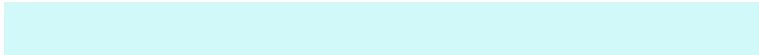
88.2926, 0.3371, 0.3284



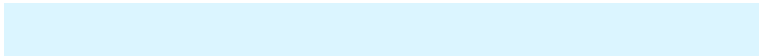
88.2926, 0.3287, 0.3551

Rectangle

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



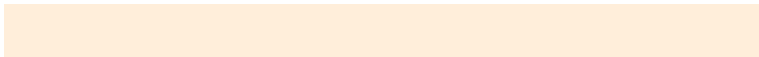
88.2926, 0.2889, 0.3289



88.2926, 0.2853, 0.3093



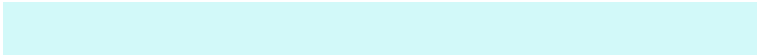
88.2926, 0.3371, 0.3284



88.2926, 0.3409, 0.3481

Sweetspot

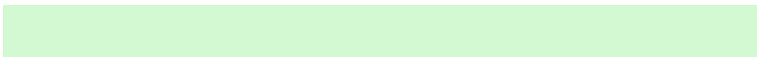
The Sweet Spot groups the original color and five complimentary colors.



88.2963, 0.2889, 0.3289



97.6560, 0.3049, 0.3290



86.1239, 0.3107, 0.3712



20.8346, 0.3038, 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.



88.2963, 0.2889, 0.3289



91.9198, 0.2841, 0.3289



76.8646, 0.2881, 0.3082



19.6065, 0.2980, 0.3289



39.8727, 0.2246, 0.3285



3.6935, 0.2246, 0.3286

Inverse Universe

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



73.0752, 0.3146, 0.2901



72.8858, 0.3150, 0.2817



81.1207, 0.3393, 0.3490



17.5244, 0.3138, 0.3057



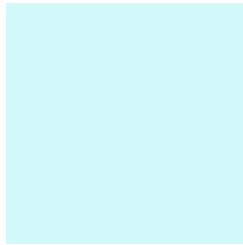
14.4361, 0.3211, 0.1542



1.3371, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 88.2926, 0.2889, 0.3289 looks on a white background.

Color Contrast Check

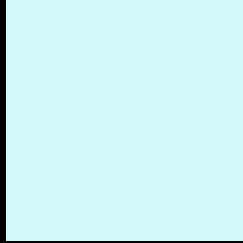
Large Text (above 18pt) WCAG AA × Fail

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 88.2926, 0.2889, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

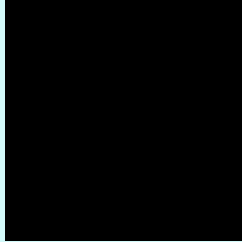
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

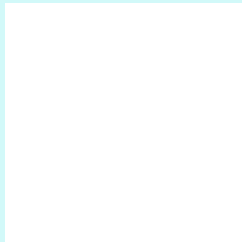
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2926, 0.2889, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 88.2926, 0.2889, 0.3289.

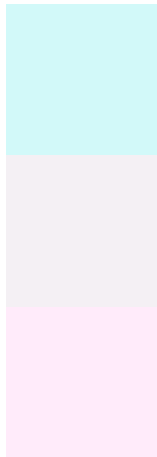


This preview shows how white text looks on a background with the Yxy color 88.2926, 0.2889, 0.3289.

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



Original Color

88.2926, 0.2889, 0.3289

Protanopia

88.0849, 0.3129, 0.3250

Deuteranopia

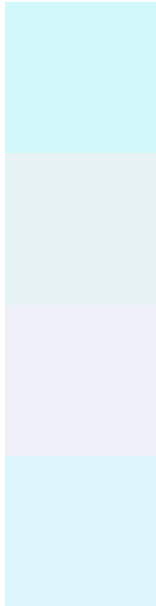
87.5788, 0.3167, 0.3145



Tritanopia

88.0901, 0.2950, 0.3178

Trichromacy



Original Color

88.2926, 0.2889, 0.3289

Protanomaly

87.9108, 0.3039, 0.3259

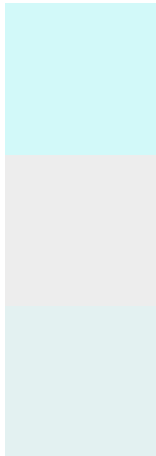
Deuteranomaly

87.5730, 0.3061, 0.3190

Tritanomaly

88.2190, 0.2925, 0.3218

Monochromacy



Original Color

88.2926, 0.2889, 0.3289

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.5924, 0.3037, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2926, 0.2889, 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(210, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 249, 249)  
}
```

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(210, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 249, 249) }
```

Border

The CSS property to change the border of an element to Yxy 88.2926, 0.2889, 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(210, 249, 249) }
```

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

```
.border{ border-color:rgb(210, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 249,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2926, 0.2889, 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(210, 249, 249) }
```

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

```
.background{ background-color: rgb(210,  
249, 249) }
```

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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