

Converting Colors

$Yxy(88.8587, 0.2885, 0.3307)$

Have a look what the booklet for
Yxy(88.8587, 0.2885, 0.3307)
contains.

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Color

Yxy(88.7661, 0.2884, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	D1FAF9
RGB	209, 250, 249
RGB Percent	82%, 98%, 98%
CMY	0.1804, 0.0196, 0.0236
CMYK	0.16, 0.00, 0.00, 0.02
HSL	178°, 80%, 90%
HSV	178°, 16%, 98%
XYZ	77.5762, 88.7661, 102.6459
YIQ	237.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

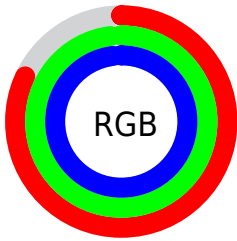
Format	Color
R _Y B	209, 230, 250
Decimal	13761273
CIE Lab	95.48, -13.26, -3.89
CIE LCh	95, 13.820, 196.368
Yxy	88.7661, 0.2884, 0.3300
Android (android.graphics.Color)	4291951353 (0xFFD1FAF9)
YUV	237.6270, 5.6069, -25.1059
Hunter-Lab	94.2158, -17.9027, 1.3560

Details

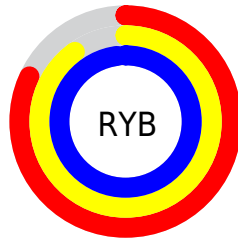
The Yxy color **88.7661, 0.2884, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.5835, 0.3433, 0.3280**, and the grayscale version is **85.1683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8602, 0.2829, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **85.3654, 0.2749, 0.3307**, and if you desaturate by 10%, it is **92.7464, 0.3030, 0.3294**.

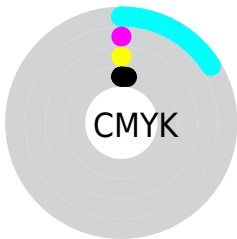
Distribution



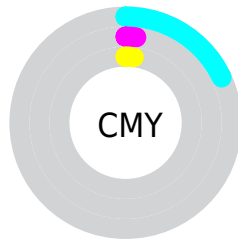
- Red (82%)
- Green (98%)
- Blue (98%)



- 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 88.7661, 0.2884, 0.3300 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 88.7661, 0.2884, 0.3300 by changing the saturation by 10% instead.

88.7661, 0.2884,
0.3300

88.7661, 0.2884,
0.3300

524.0088, 0.2992,
0.3297

66.9577, 0.2860,
0.3301

145.6233, 0.2921,
0.3299

49.0503, 0.2832,
0.3301

181.4408, 0.2935,
0.3299

34.6594, 0.2796,
0.3302

222.6969, 0.2948,
0.3298

23.4006, 0.2751,
0.3302

269.7759, 0.2959,
0.3298

14.8896, 0.2691,
0.3302

323.0622, 0.2968,
0.3297

8.7419, 0.2609,
0.3302

382.9402, 0.2977,

4.5732, 0.2489,

0.3297

449.7942, 0.2985,
0.3297

0.3299

1.9991, 0.2298,
0.3291

0.6070, 0.1412,
0.3385

88.7661, 0.2884,
0.3300

88.7661, 0.2884,
0.3300

85.3654, 0.2749,
0.3307

92.7464, 0.3030,
0.3294

82.5068, 0.2626,
0.3314


96.5526, 0.3157,
0.3288


80.1651, 0.2520,
0.3322


96.5921, 0.3154,
0.3282


78.3091, 0.2432,
0.3330


96.6319, 0.3150,
0.3276


 76.9040, 0.2364,
0.3338


 96.6717, 0.3146,
0.3270


 75.9104, 0.2315,
0.3346


 96.7117, 0.3143,
0.3264


 75.2822, 0.2284,
0.3355

 96.7518, 0.3139,
0.3258

 74.9620, 0.2271,
0.3363

 96.7921, 0.3135,
0.3252

 74.8901, 0.2268,
0.3366

 96.8325, 0.3132,
0.3246

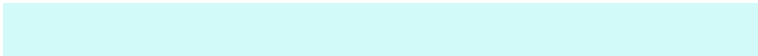
Harmonies

Analogous

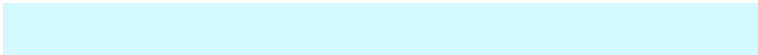
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7661, 0.3003, 0.3440



88.7661, 0.2884, 0.3300



88.7661, 0.2830, 0.3162

Triad

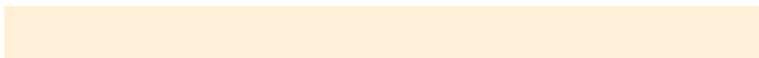
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7661, 0.2884, 0.3300



88.7661, 0.3092, 0.3058



88.7661, 0.3408, 0.3514

Complementary

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



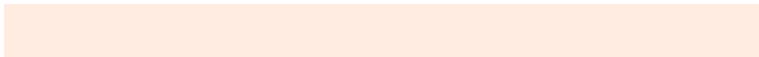
88.7661, 0.2884, 0.3300



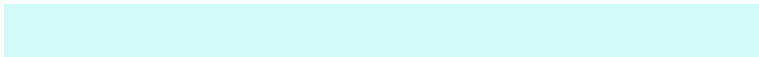
70.5835, 0.3433, 0.3280

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.



88.7661, 0.3434, 0.3406



88.7661, 0.2884, 0.3300



88.7661, 0.3249, 0.3147

Square

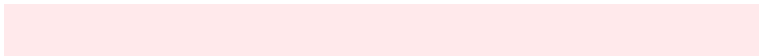
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7661, 0.2884, 0.3300



88.7661, 0.2947, 0.3027



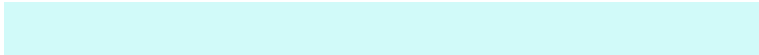
88.7661, 0.3376, 0.3273



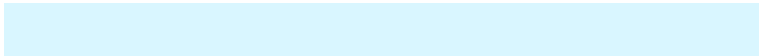
88.7661, 0.3305, 0.3564

Rectangle

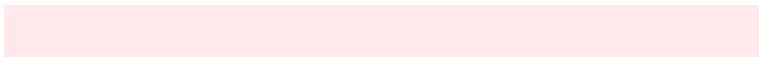
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



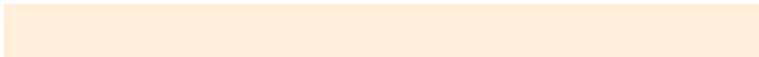
88.7661, 0.2884, 0.3300



88.7661, 0.2836, 0.3090



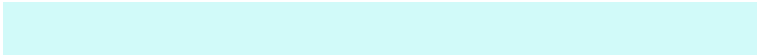
88.7661, 0.3376, 0.3273



88.7661, 0.3426, 0.3483

Sweetspot

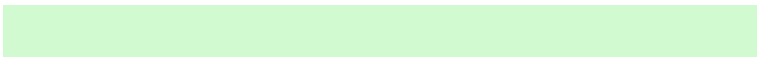
The Sweet Spot groups the original color and five complimentary colors.



88.7698, 0.2884, 0.3300



97.6409, 0.3051, 0.3293



86.7357, 0.3115, 0.3733



20.8309, 0.3040, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

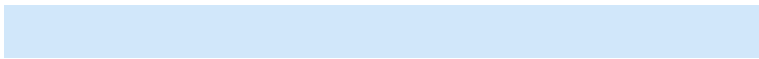
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7698, 0.2884, 0.3300



91.4950, 0.2834, 0.3302



77.5392, 0.2869, 0.3086



19.6006, 0.2984, 0.3296



39.7249, 0.2268, 0.3364



3.6815, 0.2265, 0.3354

Inverse Universe

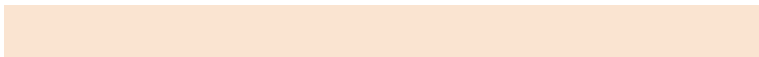
The Inverse Universe completely reimagines the original color for something new.



70.5835, 0.3433, 0.3280



68.8672, 0.3517, 0.3278



80.4925, 0.3409, 0.3486



17.2323, 0.3290, 0.3284



10.7909, 0.6375, 0.3285



1.0018, 0.6311, 0.3250

Previews

White Background



This preview shows how the Yxy color 88.7661, 0.2884, 0.3300 looks on a white background.

Color Contrast Check

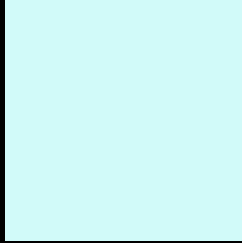
Large Text (above 18pt) WCAG AA × Fail

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 88.7661, 0.2884, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

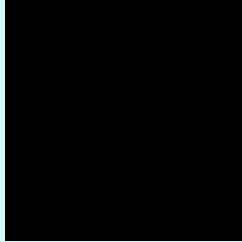
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

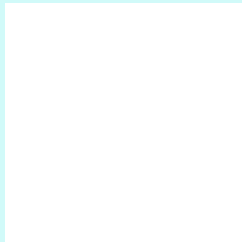
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7661, 0.2884, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 88.7661, 0.2884, 0.3300.

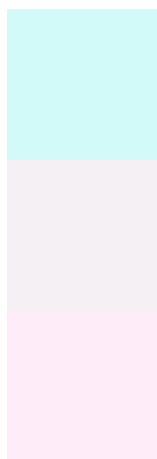


This preview shows how white text looks on a background with the Yxy color 88.7661, 0.2884, 0.3300.

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

88.7661, 0.2884, 0.3300

Protanopia

88.2037, 0.3142, 0.3260

Deuteranopia

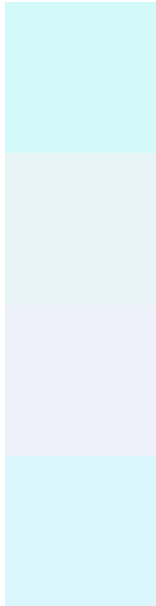
88.0905, 0.3173, 0.3164



Tritanopia

88.2523, 0.2956, 0.3179

Trichromacy



Original Color

88.7661, 0.2884, 0.3300

Protanomaly

88.4497, 0.3045, 0.3280

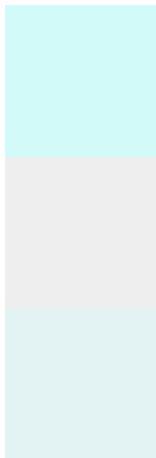
Deuteranomaly

87.9273, 0.3060, 0.3210

Tritanomaly

88.2190, 0.2925, 0.3218

Monochromacy



Original Color

88.7661, 0.2884, 0.3300

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.2460, 0.3031, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7661, 0.2884, 0.3300 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(209, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 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(209, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 249) }
```

Border

The CSS property to change the border of an element to Yxy 88.7661, 0.2884, 0.3300 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(209, 250, 249) }
```

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

```
.border{ border-color:rgb(209, 250, 249) }
```

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

Here you see how a box with a 4 pixel rgb(209, 250, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7661, 0.2884, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 249) }
```

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

```
.background{ background-color: rgb(209,  
250, 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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