

Converting Colors

$Yxy(89.5911, 0.2873, 0.3264)$

Have a look what the booklet for
Yxy(89.5911, 0.2873, 0.3264)
contains.

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Color

Yxy(89.9351, 0.2875, 0.3269)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3FBFD |
| RGB | 211, 251, 253 |
| RGB Percent | 83%, 98%, 99% |
| CMY | 0.1724, 0.0157, 0.0080 |
| CMYK | 0.17, 0.01, 0.00, 0.01 |
| HSL | 183°, 91%, 91% |
| HSV | 183°, 17%, 99% |
| XYZ | 79.0956, 89.9351, 106.0844 |
| YIQ | 239.2680, -24.4820, -7.8580 |

Conversions

Conversions Part 2

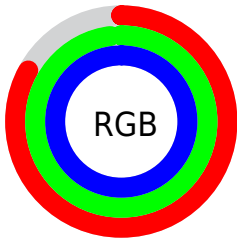
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 211, 231, 253 |
| Decimal | 13892605 |
| CIE _{Lab} | 95.97, -12.33, -5.22 |
| CIE _{LCh} | 96, 13.389, 202.948 |
| Yxy | 89.9351, 0.2875, 0.3269 |
| Android (android.graphics.Color) | 4292082685 (0xFFD3FBFD) |
| YUV | 239.2680, 6.7699, -24.7910 |
| Hunter-Lab | 94.8341, -17.0833, 0.0603 |

Details

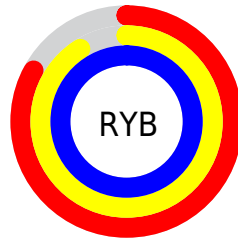
The Yxy color **89.9351, 0.2875, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1754, 0.3441, 0.3311**, and the grayscale version is **86.5038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6370, 0.2824, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **85.7533, 0.2735, 0.3255**, and if you desaturate by 10%, it is **94.7169, 0.3025, 0.3282**.

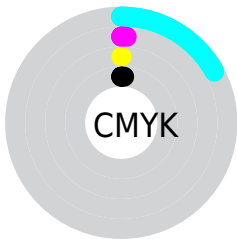
Distribution



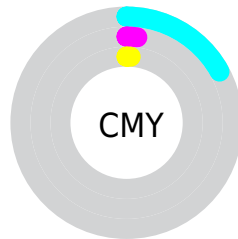
- Red (83%)
- Green (98%)
- Blue (99%)



- Red (83%)
- Yellow (91%)
- Blue (99%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (17%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9351, 0.2875, 0.3269 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 89.9351, 0.2875, 0.3269 by changing the saturation by 10% instead.

 89.9351, 0.2875,
0.3269

 89.9351, 0.2875,
0.3269


527.8197, 0.2987,
0.3280

 67.9268, 0.2851,
0.3266


147.2482, 0.2913,
0.3273

 49.8382, 0.2821,
0.3263


183.3219, 0.2928,
0.3274

 35.2849, 0.2785,
0.3259


224.8528, 0.2941,
0.3275

 23.8824, 0.2738,
0.3253

272.2253, 0.2952,
0.3277

 15.2464, 0.2677,
0.3246

325.8239, 0.2962,
0.3277

 8.9925, 0.2593,
0.3234

386.0329, 0.2971,

 4.7363, 0.2472,

0.3278

0.3214

453.2367, 0.2979,
0.3279

■ 2.0934, 0.2281,
0.3179

■ 0.6609, 0.1575,
0.3181

■ 89.9351, 0.2875,
0.3269

■ 89.9351, 0.2875,
0.3269

■ 85.7533, 0.2735,
0.3255

■ 94.7169, 0.3025,
0.3282

■ 82.1328, 0.2607,
0.3240

■ 98.8317, 0.3140,
0.3294

■ 79.0479, 0.2494,
0.3225

■ 99.5832, 0.3139,
0.3305

■ 76.4662, 0.2399,
0.3209

■ 99.8693, 0.3139,
0.3309

■ 74.3519, 0.2324,
0.3193

■ 72.6643, 0.2268,
0.3177

■ 71.3558, 0.2230,
0.3161

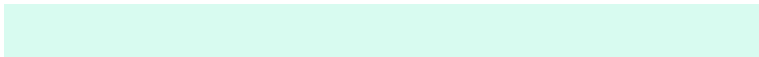
■ 70.3666, 0.2210,
0.3146

■ 70.0696, 0.2206,
0.3141

Harmonies

Analogous

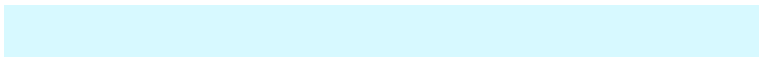
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9351, 0.2978, 0.3407



89.9351, 0.2875, 0.3269



89.9351, 0.2838, 0.3141

Triad

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



89.9351, 0.2875, 0.3269



89.9351, 0.3127, 0.3081



89.9351, 0.3382, 0.3522

Complementary

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



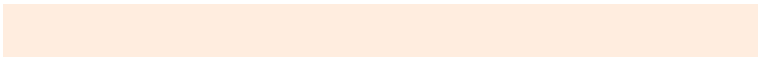
89.9351, 0.2875, 0.3269



73.1754, 0.3441, 0.3311

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.



89.9351, 0.3425, 0.3428



89.9351, 0.2875, 0.3269



89.9351, 0.3276, 0.3177

Square

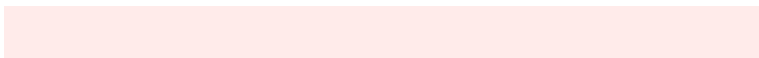
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9351, 0.2875, 0.3269



89.9351, 0.2981, 0.3037



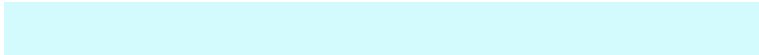
89.9351, 0.3386, 0.3302



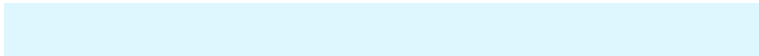
89.9351, 0.3270, 0.3555

Rectangle

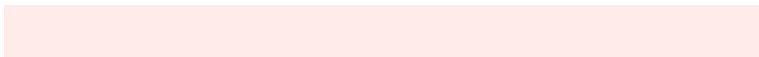
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



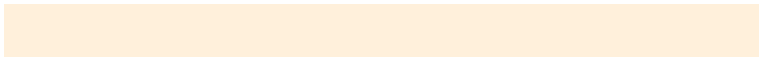
89.9351, 0.2875, 0.3269



89.9351, 0.2856, 0.3079



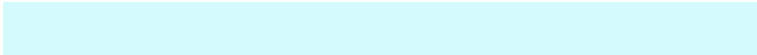
89.9351, 0.3386, 0.3302



89.9351, 0.3405, 0.3496

Sweetspot

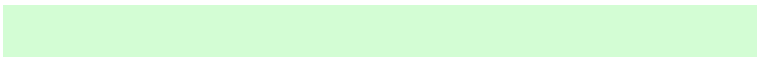
The Sweet Spot groups the original color and five complimentary colors.



89.9388, 0.2875, 0.3269



97.2813, 0.3049, 0.3284



88.8578, 0.3098, 0.3724



20.7431, 0.3038, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

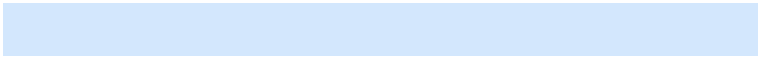
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9388, 0.2875, 0.3269



90.0634, 0.2825, 0.3264



77.8782, 0.2865, 0.3054



20.3270, 0.2980, 0.3278



37.3500, 0.2206, 0.3143



3.6798, 0.2211, 0.3161

Inverse Universe

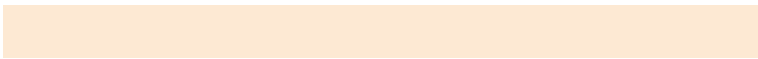
The Inverse Universe completely reimagines the original color for something new.



74.4534, 0.3160, 0.2897



71.5129, 0.3167, 0.2813



84.0866, 0.3408, 0.3515



18.2848, 0.3145, 0.3067



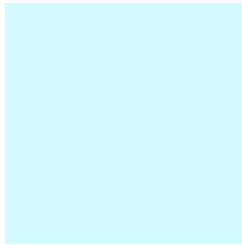
14.4985, 0.3330, 0.1608



1.4160, 0.3315, 0.1600

Previews

White Background



This preview shows how the Yxy color 89.9351, 0.2875, 0.3269 looks on a white background.

Color Contrast Check

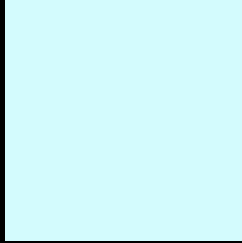
Large Text (above 18pt) WCAG AA × Fail

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 89.9351, 0.2875, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

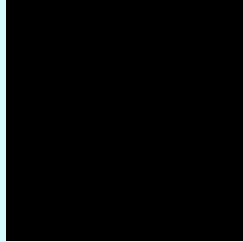
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.9351, 0.2875, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 89.9351, 0.2875, 0.3269.

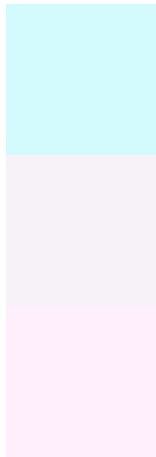


This preview shows how white text looks on a background with the Yxy color 89.9351, 0.2875, 0.3269.

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

89.9351, 0.2875, 0.3269

Protanopia

89.8125, 0.3123, 0.3241

Deuteranopia

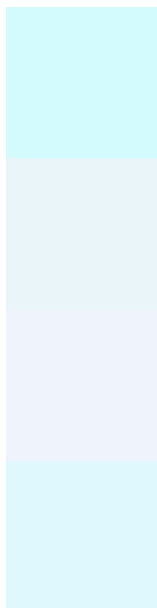
89.4373, 0.3153, 0.3155



Tritanopia

89.9545, 0.2975, 0.3199

Trichromacy



Original Color

89.9351, 0.2875, 0.3269

Protanomaly

89.4680, 0.3028, 0.3250

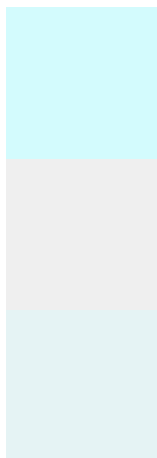
Deuteranomaly

89.4802, 0.3048, 0.3201

Tritanomaly

89.9785, 0.2938, 0.3229

Monochromacy



Original Color

89.9351, 0.2875, 0.3269

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.2909, 0.3032, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9351, 0.2875, 0.3269 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, 251, 253)` looks like.

```
.text, #text, p{  
    color:rgb(211, 251, 253)  
}
```

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, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 251, 253) }
```

Border

The CSS property to change the border of an element to Yxy 89.9351, 0.2875, 0.3269 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, 251, 253) }
```

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

```
.border{ border-color:rgb(211, 251, 253) }
```

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

Here you see how a box with a 4 pixel rgb(211, 251, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(211, 251,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9351, 0.2875, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 251, 253) }
```

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

```
.background{ background-color: rgb(211,  
251, 253) }
```

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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