

Converting Colors

$Yxy(82.9670, 0.2529, 0.3288)$

Have a look what the booklet for
Yxy(82.9670, 0.2529, 0.3288)
contains.

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Color

Yxy(83.0051, 0.2529, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8DFDFD
RGB	141, 253, 253
RGB Percent	55%, 99%, 99%
CMY	0.4470, 0.0078, 0.0078
CMYK	0.44, 0.00, 0.00, 0.01
HSL	180°, 97%, 77%
HSV	180°, 44%, 99%
XYZ	63.8443, 83.0051, 105.5992
YIQ	219.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

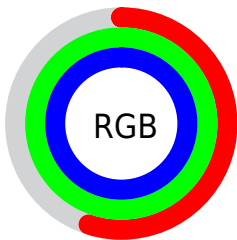
Format	Color
RYB	141, 197, 253
Decimal	9305597
CIELab	93.02, -32.01, -10.01
CIELCh	93, 33.538, 197.364
Yxy	83.0051, 0.2529, 0.3288
Android (android.graphics.Color)	4287495677 (0xFF8DFDFD)
YUV	219.5120, 16.5096, -68.8550
Hunter-Lab	91.1071, -34.3518, -4.9461

Details

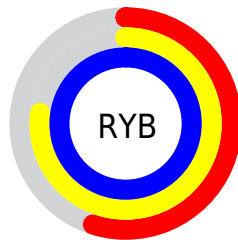
The Yxy color **83.0051, 0.2529, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.8732, 0.4315, 0.3294**, and the grayscale version is **71.1369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **45.1709, 0.2403, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **81.0347, 0.2435, 0.3288**, and if you desaturate by 10%, it is **85.4885, 0.2641, 0.3288**.

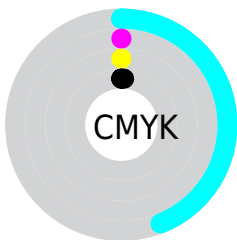
Distribution



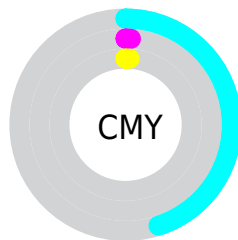
- Red (55%)
- Green (99%)
- Blue (99%)



- Red (55%)
- Yellow (77%)
- Blue (99%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (45%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0051, 0.2529, 0.3288 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 83.0051, 0.2529, 0.3288 by changing the saturation by 10% instead.


 83.0051, 0.2529,
0.3288


 83.0051, 0.2529,
0.3288


505.0035, 0.2794,
0.3295

 62.1944, 0.2471,
0.3285


 137.5826, 0.2619,
0.3291

 45.1898, 0.2401,
0.3281


 172.1182, 0.2654,
0.3293

 31.6069, 0.2315,
0.3275


211.9974, 0.2685,
0.3293

 21.0614, 0.2205,
0.3265

257.6048, 0.2712,
0.3294

 13.1689, 0.2063,
0.3249

309.3247, 0.2736,
0.3294

 7.5450, 0.1871,
0.3222

367.5416, 0.2758,

 3.8052, 0.1599,

0.3295

0.3169

432.6397, 0.2777,
0.3295

■ 1.5652, 0.1154,
0.3070

■ 0.3340, 0.0000,
0.2384

■ 83.0051, 0.2529,
0.3288

■ 83.0051, 0.2529,
0.3288

■ 81.0347, 0.2435,
0.3288

■ 85.4885, 0.2641,
0.3288

■ 79.5328, 0.2361,
0.3287

■ 88.5070, 0.2769,
0.3289

■ 78.4631, 0.2306,
0.3287

■ 92.0928, 0.2909,
0.3289

■ 77.7799, 0.2270,
0.3287

■ 96.2728, 0.3060,
0.3290

■ 77.4272, 0.2252,
0.3287

■ 98.6169, 0.3140,
0.3290

■ 77.3281, 0.2246,
0.3287

■ 98.6196, 0.3140,
0.3290

■ 98.6224, 0.3140,
0.3290

■ 98.6251, 0.3140,
0.3290

■ 98.6278, 0.3140,
0.3290

Harmonies

Analogous

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



83.0051, 0.2802, 0.3661



83.0051, 0.2529, 0.3288



83.0051, 0.2413, 0.2945

Triad

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



83.0051, 0.2529, 0.3288



83.0051, 0.3043, 0.2746



83.0051, 0.3816, 0.3833

Complementary

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



83.0051, 0.2529, 0.3288



41.8732, 0.4315, 0.3294

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.



83.0051, 0.3899, 0.3560



83.0051, 0.2529, 0.3288



83.0051, 0.3437, 0.2955

Square

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



83.0051, 0.2529, 0.3288



83.0051, 0.2694, 0.2661



83.0051, 0.3758, 0.3244



83.0051, 0.3546, 0.3979

Rectangle

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



83.0051, 0.2529, 0.3288



83.0051, 0.2432, 0.2782



83.0051, 0.3758, 0.3244



83.0051, 0.3868, 0.3752

Sweetspot

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



83.0083, 0.2529, 0.3288



94.2423, 0.2928, 0.3289



77.8512, 0.3062, 0.4680



19.9847, 0.2896, 0.3289



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

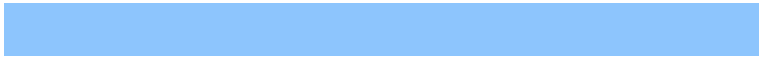
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0083, 0.2529, 0.3288



82.7077, 0.2446, 0.3288



52.7008, 0.2411, 0.2610



20.4809, 0.2980, 0.3290



41.1291, 0.2246, 0.3287



4.0048, 0.2246, 0.3287

Inverse Universe

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



47.0355, 0.3178, 0.2206



41.8754, 0.3187, 0.2022



62.7527, 0.4032, 0.3875



18.3004, 0.3138, 0.3056



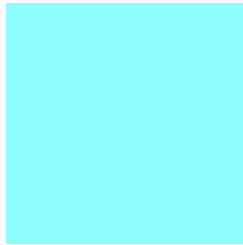
14.8800, 0.3210, 0.1542



1.4488, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 83.0051, 0.2529, 0.3288 looks on a white background.

Color Contrast Check

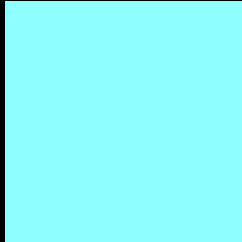
Large Text (above 18pt) WCAG AA × Fail

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 83.0051, 0.2529, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

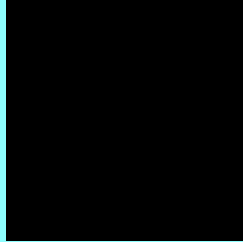
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

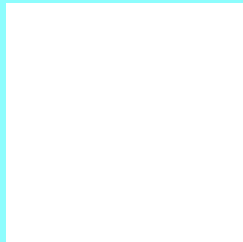
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0051, 0.2529, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 83.0051, 0.2529, 0.3288.

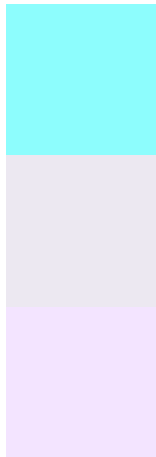


This preview shows how white text looks on a background with the Yxy color 83.0051, 0.2529, 0.3288.

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

83.0051, 0.2529, 0.3288

Protanopia

81.8970, 0.3098, 0.3198

Deuteranopia

81.7615, 0.3059, 0.3022



Tritanopia

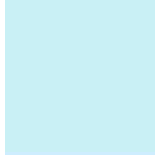
82.3976, 0.2746, 0.3160

Trichromacy



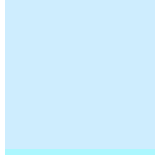
Original Color

83.0051, 0.2529, 0.3288



Protanomaly

81.3303, 0.2854, 0.3236



Deuteranomaly

80.8459, 0.2832, 0.3110



Tritanomaly

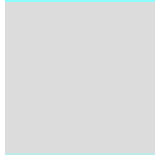
82.5615, 0.2660, 0.3212

Monochromacy



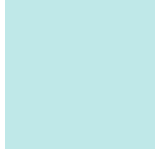
Original Color

83.0051, 0.2529, 0.3288



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.6158, 0.2861, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0051, 0.2529, 0.3288 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(141, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(141, 253, 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(141, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 253, 253) }
```

Border

The CSS property to change the border of an element to Yxy 83.0051, 0.2529, 0.3288 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(141, 253, 253) }
```

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

```
.border{ border-color:rgb(141, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(141, 253,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0051, 0.2529, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 253, 253) }
```

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

```
.background{ background-color: rgb(141,  
253, 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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