

Converting Colors

$Yxy(85.5899, 0.2759, 0.3289)$

Have a look what the booklet for
Yxy(85.5899, 0.2759, 0.3289)
contains.

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Color

Yxy(85.8381, 0.2756, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	BBFAFA
RGB	187, 250, 250
RGB Percent	73%, 98%, 98%
CMY	0.2668, 0.0196, 0.0196
CMYK	0.25, 0.00, 0.00, 0.02
HSL	180°, 86%, 86%
HSV	180°, 25%, 98%
XYZ	71.9276, 85.8381, 103.2197
YIQ	231.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

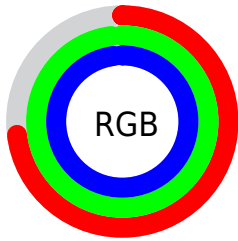
Format	Color
RYB	187, 219, 250
Decimal	12319482
CIELab	94.24, -19.55, -6.40
CIElCh	94, 20.565, 198.121
Yxy	85.8381, 0.2756, 0.3289
Android (android.graphics.Color)	4290509562 (0xFFBBFAFA)
YUV	231.1630, 9.2866, -38.7310
Hunter-Lab	92.6489, -23.5577, -1.2006

Details

The Yxy color **85.8381, 0.2756, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4391, 0.3664, 0.3291**, and the grayscale version is **79.9863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **46.9405, 0.2674, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **82.9585, 0.2630, 0.3289**, and if you desaturate by 10%, it is **89.2735, 0.2896, 0.3289**.

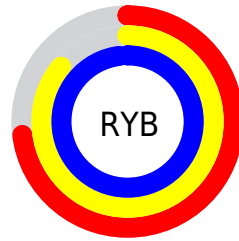
Distribution



Red (73%)

Green (98%)

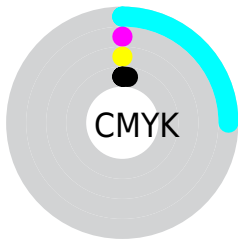
Blue (98%)



Red (73%)

Yellow (86%)

Blue (98%)

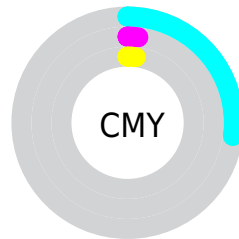


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (27%)


Magenta (2%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8381, 0.2756, 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 85.8381, 0.2756, 0.3289 by changing the saturation by 10% instead.


 85.8381, 0.2756,
0.3289

 85.8381, 0.2756,
0.3289


514.3972, 0.2921,
0.3292

 64.5341, 0.2720,
0.3288


 141.5435, 0.2812,
0.3290

 47.0834, 0.2676,
0.3286


176.7138, 0.2834,
0.3291

 33.1016, 0.2621,
0.3284


217.2749, 0.2853,
0.3291

 22.2043, 0.2552,
0.3280

263.6112, 0.2870,
0.3291

 14.0071, 0.2461,
0.3274

316.1073, 0.2885,
0.3292

 8.1256, 0.2336,
0.3264

375.1473, 0.2898,

 4.1754, 0.2154,

0.3292

441.1159, 0.2910,
0.3292

0.3244

1.7722, 0.1869,
0.3200

0.4697, 0.0000,
0.3289

85.8381, 0.2756,
0.3289

85.8381, 0.2756,
0.3289

82.9585, 0.2630,
0.3289

89.2735, 0.2896,
0.3289

80.5958, 0.2520,
0.3288


93.2807, 0.3046,
0.3290

78.7226, 0.2428,
0.3288

96.5419, 0.3159,
0.3290


77.3044, 0.2355,
0.3288


96.5422, 0.3159,
0.3290

 76.3026, 0.2302,
0.3288


 96.5425, 0.3159,
0.3290

 75.6720, 0.2268,
0.3288

 96.5428, 0.3159,
0.3290

 75.3571, 0.2251,
0.3288

 96.5430, 0.3159,
0.3290

 75.2791, 0.2247,
0.3288

 96.5433, 0.3159,
0.3290

 96.5436, 0.3159,
0.3290

Harmonies

Analogous

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



85.8381, 0.2926, 0.3506



85.8381, 0.2756, 0.3289



85.8381, 0.2683, 0.3082

Triad

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



85.8381, 0.2756, 0.3289



85.8381, 0.3086, 0.2952



85.8381, 0.3544, 0.3631

Complementary

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



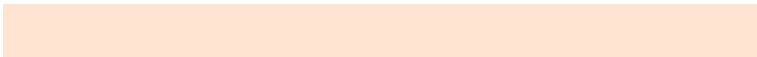
85.8381, 0.2756, 0.3289



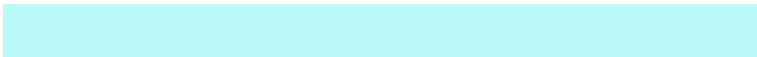
59.4391, 0.3664, 0.3291

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.



85.8381, 0.3593, 0.3470



85.8381, 0.2756, 0.3289



85.8381, 0.3323, 0.3087

Square

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



85.8381, 0.2756, 0.3289



85.8381, 0.2868, 0.2899



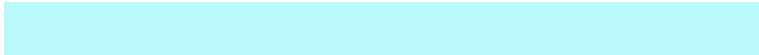
85.8381, 0.3511, 0.3273



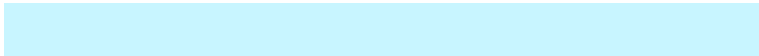
85.8381, 0.3381, 0.3705

Rectangle

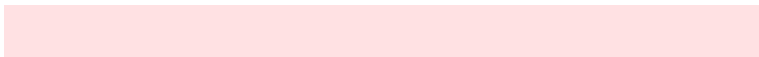
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8381, 0.2756, 0.3289



85.8381, 0.2697, 0.2980



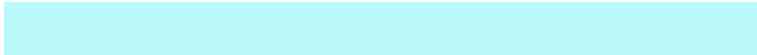
85.8381, 0.3511, 0.3273



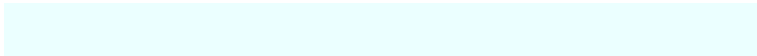
85.8381, 0.3574, 0.3584

Sweetspot

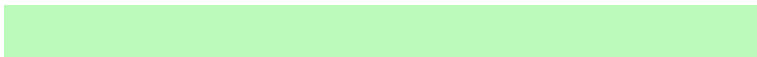
The Sweet Spot groups the original color and five complimentary colors.



85.8416, 0.2756, 0.3289



96.3339, 0.3003, 0.3290



82.6587, 0.3100, 0.4010



20.4815, 0.2980, 0.3290



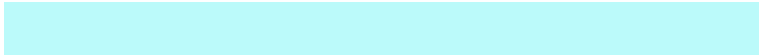
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.8416, 0.2756, 0.3289



88.2634, 0.2693, 0.3289



68.4085, 0.2725, 0.2949



19.6086, 0.2980, 0.3290



39.9260, 0.2247, 0.3288



3.6978, 0.2247, 0.3288

Inverse Universe

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



59.4391, 0.3664, 0.3291



56.5351, 0.3805, 0.3292



73.7646, 0.3586, 0.3608



17.2253, 0.3294, 0.3290



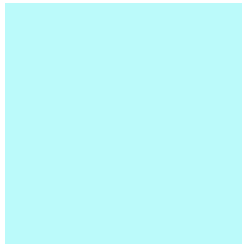
10.7806, 0.6401, 0.3300



0.9985, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 85.8381, 0.2756, 0.3289 looks on a white background.

Color Contrast Check

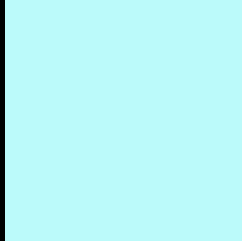
Large Text (above 18pt) WCAG AA × Fail

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 85.8381, 0.2756, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

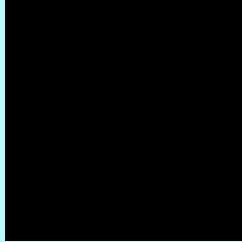
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.8381, 0.2756, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 85.8381, 0.2756, 0.3289.

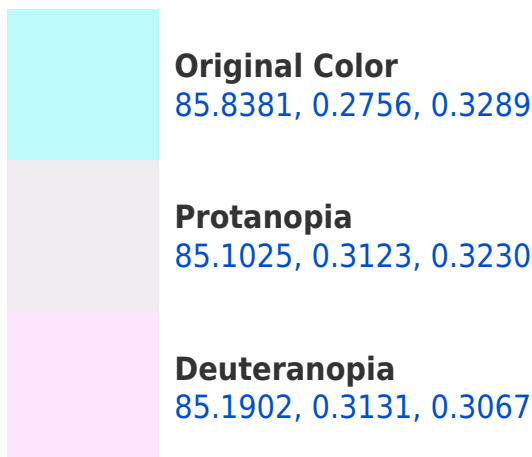


This preview shows how white text looks on a background with the Yxy color 85.8381, 0.2756, 0.3289.

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

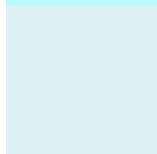
85.3182, 0.2866, 0.3165

Trichromacy



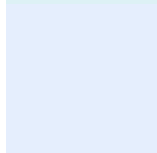
Original Color

85.8381, 0.2756, 0.3289



Protanomaly

84.8753, 0.2976, 0.3248



Deuteranomaly

84.8989, 0.2979, 0.3138



Tritanomaly

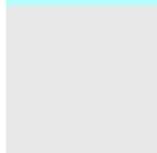
85.6999, 0.2826, 0.3216

Monochromacy



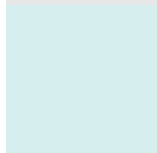
Original Color

85.8381, 0.2756, 0.3289



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.7692, 0.2978, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8381, 0.2756, 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(187, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(187, 250, 250)  
}
```

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(187, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 250, 250) }
```

Border

The CSS property to change the border of an element to Yxy 85.8381, 0.2756, 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(187, 250, 250) }
```

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

```
.border{ border-color:rgb(187, 250, 250) }
```

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

Here you see how a box with a 4 pixel rgb(187, 250, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(187, 250,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8381, 0.2756, 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(187, 250, 250) }
```

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

```
.background{ background-color: rgb(187,  
250, 250) }
```

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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