

Converting Colors

$Yxy(86.0677, 0.2619, 0.3280)$

Have a look what the booklet for
Yxy(86.0677, 0.2619, 0.3280)
contains.

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Color

Yxy(85.8902, 0.2618, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	A3FEFF
RGB	163, 254, 255
RGB Percent	64%, 100%, 100%
CMY	0.3606, 0.0039, 0.0002
CMYK	0.36, 0.00, 0.00, 0.00
HSL	181°, 100%, 82%
HSV	181°, 36%, 100%
XYZ	68.5969, 85.8902, 107.5331
YIQ	226.9050, -54.5570, -18.9810

Conversions

Conversions Part 2

Format	Color
RYB	163, 209, 255
Decimal	10747647
CIELab	94.27, -26.79, -9.06
CIElCh	94, 28.276, 198.682
Yxy	85.8902, 0.2618, 0.3278
Android (android.graphics.Color)	4288937727 (0xFFA3FEFF)
YUV	226.9050, 13.8508, -56.0447
Hunter-Lab	92.6770, -30.0640, -3.9203

Details

The Yxy color **85.8902, 0.2618, 0.3278** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.4496, 0.4001, 0.3303**, and the grayscale version is **76.6779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **47.0739, 0.2511, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **83.2991, 0.2508, 0.3274**, and if you desaturate by 10%, it is **89.0308, 0.2744, 0.3282**.

Distribution



- Red (64%)
- Green (100%)
- Blue (100%)



- Red (64%)
- Yellow (82%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8902, 0.2618, 0.3278 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 85.8902, 0.2618, 0.3278 by changing the saturation by 10% instead.


 85.8902, 0.2618,
0.3278


 85.8902, 0.2618,
0.3278


514.5691, 0.2843,
0.3288

 64.5772, 0.2569,
0.3275

 141.6163, 0.2694,
0.3282

 47.1183, 0.2510,
0.3271


 176.7981, 0.2724,
0.3284

 33.1292, 0.2436,
0.3264


217.3716, 0.2750,
0.3285

 22.2254, 0.2344,
0.3256

263.7213, 0.2773,
0.3286

 14.0226, 0.2223,
0.3242

316.2315, 0.2794,
0.3286

 8.1364, 0.2059,
0.3219

375.2866, 0.2812,

 4.1824, 0.1826,

0.3287

0.3177

441.2710, 0.2828,
0.3287

■ 1.7761, 0.1474,
0.3089

■ 0.4722, 0.0000,
0.2894

■ 85.8902, 0.2618,
0.3278

■ 85.8902, 0.2618,
0.3278

■ 83.2991, 0.2508,
0.3274

■ 89.0308, 0.2744,
0.3282

■ 81.2146, 0.2417,
0.3271


■ 92.7408, 0.2883,
0.3285


■ 79.6038, 0.2344,
0.3267


■ 97.0515, 0.3033,
0.3288

■ 78.4254, 0.2292,
0.3264

99.9972, 0.3127,
0.3290

 77.6315, 0.2258,
0.3260

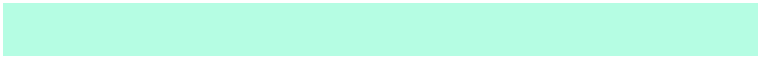
 77.1623, 0.2241,
0.3257

 77.0314, 0.2238,
0.3255

Harmonies

Analogous

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



85.8902, 0.2845, 0.3584



85.8902, 0.2618, 0.3278



85.8902, 0.2524, 0.2995

Triad

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



85.8902, 0.2618, 0.3278



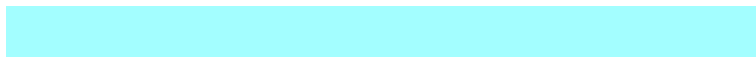
85.8902, 0.3074, 0.2836



85.8902, 0.3696, 0.3756

Complementary

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



85.8902, 0.2618, 0.3278



50.4496, 0.4001, 0.3303

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.



85.8902, 0.3770, 0.3533



85.8902, 0.2618, 0.3278



85.8902, 0.3400, 0.3018

Square

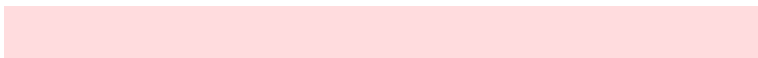
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8902, 0.2618, 0.3278



85.8902, 0.2776, 0.2760



85.8902, 0.3660, 0.3267



85.8902, 0.3467, 0.3865

Rectangle

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



85.8902, 0.2618, 0.3278



85.8902, 0.2545, 0.2859



85.8902, 0.3660, 0.3267



85.8902, 0.3740, 0.3691

Sweetspot

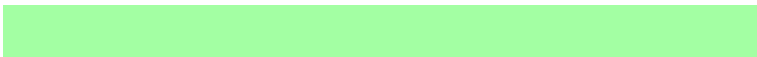
The Sweet Spot groups the original color and five complimentary colors.



85.8936, 0.2618, 0.3278



94.8769, 0.2958, 0.3287



81.9301, 0.3076, 0.4385



20.1836, 0.2937, 0.3286



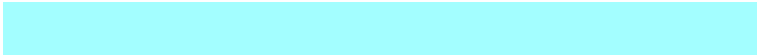
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.8936, 0.2618, 0.3278



84.0667, 0.2540, 0.3276



60.6107, 0.2545, 0.2756



20.4471, 0.2980, 0.3287



40.2809, 0.2238, 0.3256



3.9320, 0.2239, 0.3260

Inverse Universe

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



54.6188, 0.3177, 0.2402



48.7648, 0.3186, 0.2242



69.4998, 0.3829, 0.3767



18.2969, 0.3140, 0.3058



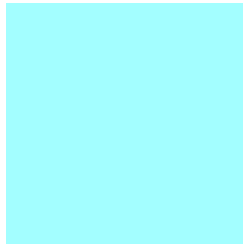
14.7943, 0.3235, 0.1556



1.4415, 0.3232, 0.1554

Previews

White Background



This preview shows how the Yxy color 85.8902, 0.2618, 0.3278 looks on a white background.

Color Contrast Check

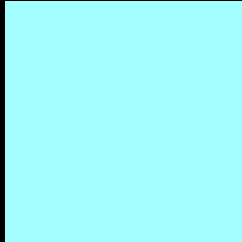
Large Text (above 18pt) WCAG AA × Fail

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 85.8902, 0.2618, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

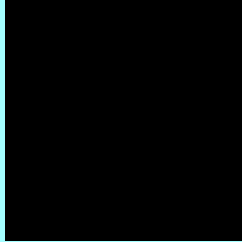
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.8902, 0.2618, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 85.8902, 0.2618, 0.3278.

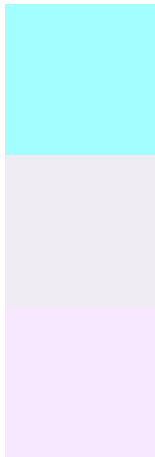


This preview shows how white text looks on a background with the Yxy color 85.8902, 0.2618, 0.3278.

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

85.8902, 0.2618, 0.3278

Protanopia

85.0478, 0.3104, 0.3210

Deuteranopia

84.7074, 0.3084, 0.3064



Tritanopia

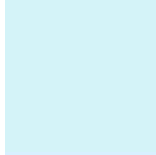
85.0432, 0.2831, 0.3174

Trichromacy



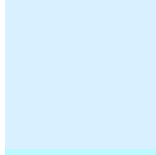
Original Color

85.8902, 0.2618, 0.3278



Protanomaly

84.8755, 0.2904, 0.3237



Deuteranomaly

84.1391, 0.2888, 0.3134



Tritanomaly

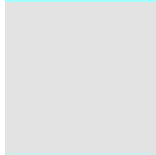
85.3020, 0.2745, 0.3214

Monochromacy



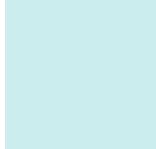
Original Color

85.8902, 0.2618, 0.3278



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.5202, 0.2915, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8902, 0.2618, 0.3278 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(163, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 254, 255)  
}
```

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(163, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 254, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.8902, 0.2618, 0.3278 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(163, 254, 255) }
```

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

```
.border{ border-color:rgb(163, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 254,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8902, 0.2618, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 254, 255) }
```

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

```
.background{ background-color: rgb(163,  
254, 255) }
```

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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