

Converting Colors

$Yxy(85.7601, 0.2669, 0.3415)$

Have a look what the booklet for
Yxy(85.7601, 0.2669, 0.3415)
contains.

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Color

Yxy(85.7330, 0.2665, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	A2FFF4
RGB	162, 255, 244
RGB Percent	64%, 100%, 96%
CMY	0.3649, 0.0000, 0.0430
CMYK	0.36, 0.00, 0.04, 0.00
HSL	173°, 100%, 82%
HSV	173°, 36%, 100%
XYZ	66.9828, 85.7330, 98.6269
YIQ	225.9390, -51.8970, -23.1370

Conversions

Conversions Part 2

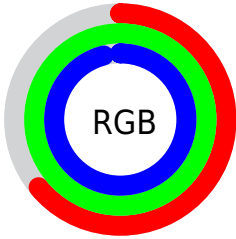
Format	Color
R_{YB}	162, 211, 255
Decimal	10682356
CIE _{Lab}	94.20, -30.04, -3.52
CIE _{LCh}	94, 30.246, 186.675
Yxy	85.7330, 0.2665, 0.3411
Android (android.graphics.Color)	4288872436 (0xFFA2FFF4)
YUV	225.9390, 8.9041, -56.0745
Hunter-Lab	92.5921, -32.9060, 1.6602

Details

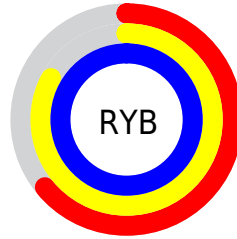
The Yxy color **85.7330, 0.2665, 0.3411** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.0927, 0.3912, 0.3177**, and the grayscale version is **75.9572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **47.0223, 0.2563, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **83.1432, 0.2567, 0.3449**, and if you desaturate by 10%, it is **88.8577, 0.2778, 0.3374**.

Distribution



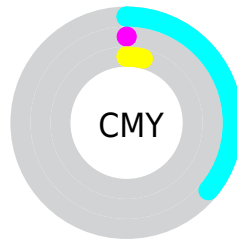
- Red (64%)
- Green (100%)
- Blue (96%)



- Red (64%)
- Yellow (83%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7330, 0.2665, 0.3411 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 85.7330, 0.2665, 0.3411 by changing the saturation by 10% instead.


 85.7330, 0.2665,
0.3411

 85.7330, 0.2665,
0.3411


514.0504, 0.2871,
0.3359

 64.4472, 0.2620,
0.3422


 141.3968, 0.2735,
0.3394

 47.0130, 0.2565,
0.3435


 176.5437, 0.2762,
0.3387

 33.0459, 0.2497,
0.3451


217.0796, 0.2786,
0.3381

 22.1616, 0.2411,
0.3471

263.3892, 0.2807,
0.3375

 13.9757, 0.2297,
0.3496

315.8566, 0.2826,
0.3371

 8.1038, 0.2142,
0.3529

374.8663, 0.2843,

 4.1614, 0.1917,

0.3366

440.8028, 0.2857,
0.3362

0.3572

1.7643, 0.1564,
0.3629

0.4648, 0.0000,
0.3820

85.7330, 0.2665,
0.3411

85.7330, 0.2665,
0.3411

83.1432, 0.2567,
0.3449

88.8577, 0.2778,
0.3374

81.0695, 0.2486,
0.3490


92.5617, 0.2903,
0.3340

79.4706, 0.2423,
0.3531

96.8680, 0.3037,
0.3309

78.3051, 0.2381,
0.3572

100.0000, 0.3127,
0.3290

 77.5245, 0.2358,
0.3614

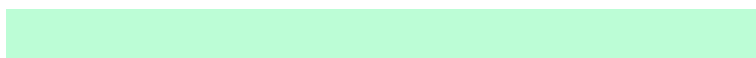
 77.0681, 0.2352,
0.3655

 76.9528, 0.2353,
0.3669

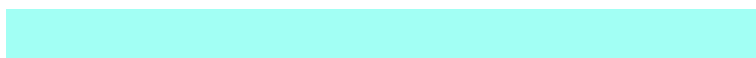
Harmonies

Analogous

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



85.7330, 0.2950, 0.3719



85.7330, 0.2665, 0.3411



85.7330, 0.2505, 0.3084

Triad

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



85.7330, 0.2665, 0.3411



85.7330, 0.2933, 0.2759



85.7330, 0.3791, 0.3701

Complementary

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



85.7330, 0.2665, 0.3411



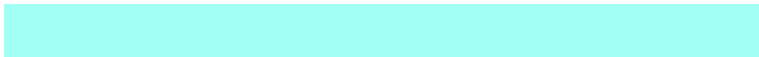
50.0927, 0.3912, 0.3177

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.



85.7330, 0.3792, 0.3436



85.7330, 0.2665, 0.3411



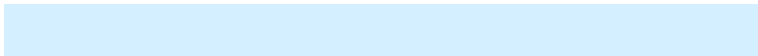
85.7330, 0.3281, 0.2911

Square

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



85.7330, 0.2665, 0.3411



85.7330, 0.2653, 0.2730



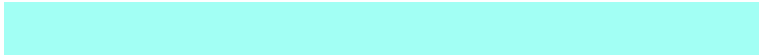
85.7330, 0.3602, 0.3153



85.7330, 0.3604, 0.3877

Rectangle

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



85.7330, 0.2665, 0.3411



85.7330, 0.2485, 0.2909



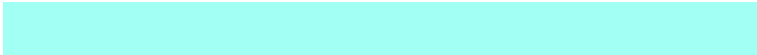
85.7330, 0.3602, 0.3153



85.7330, 0.3813, 0.3619

Sweetspot

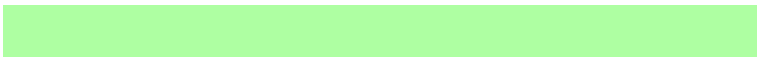
The Sweet Spot groups the original color and five complimentary colors.



85.7283, 0.2665, 0.3411



94.8516, 0.2976, 0.3323



83.1650, 0.3147, 0.4376



20.1775, 0.2957, 0.3327



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

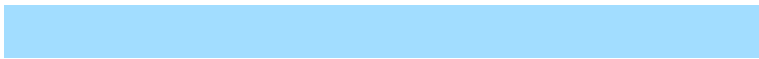
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7283, 0.2665, 0.3411



83.7389, 0.2590, 0.3440



66.5432, 0.2559, 0.2897



20.4424, 0.2996, 0.3318



40.2241, 0.2351, 0.3662



3.9265, 0.2338, 0.3615

Inverse Universe

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



50.0927, 0.3912, 0.3177



43.2462, 0.4161, 0.3155



63.3739, 0.3886, 0.3648



18.0219, 0.3276, 0.3262



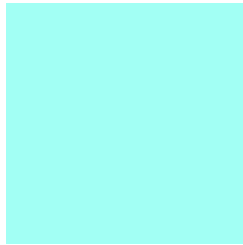
11.1689, 0.6259, 0.3222



1.0981, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 85.7330, 0.2665, 0.3411 looks on a white background.

Color Contrast Check

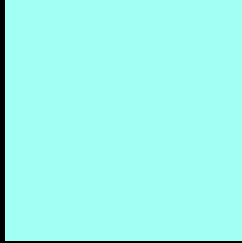
Large Text (above 18pt) WCAG AA × Fail

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 85.7330, 0.2665, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

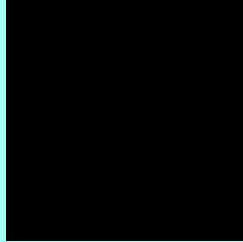
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

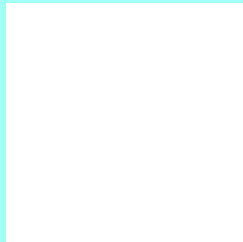
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7330, 0.2665, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 85.7330, 0.2665, 0.3411.

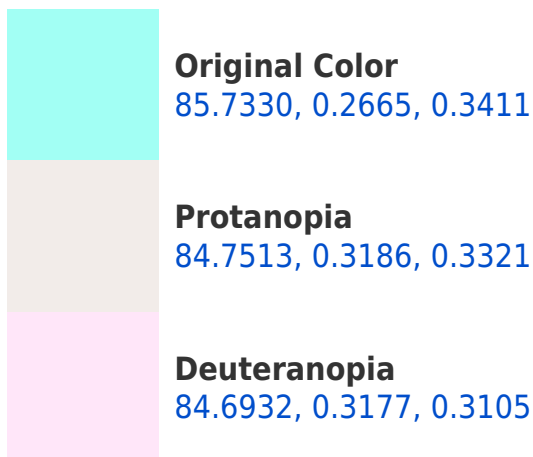


This preview shows how white text looks on a background with the Yxy color 85.7330, 0.2665, 0.3411.

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

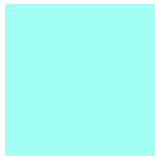




Tritanopia

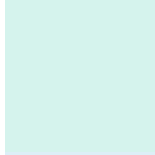
85.0432, 0.2831, 0.3174

Trichromacy



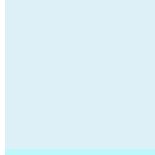
Original Color

85.7330, 0.2665, 0.3411



Protanomaly

84.3617, 0.2972, 0.3353



Deuteranomaly

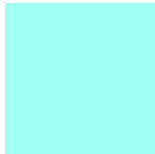
83.8206, 0.2964, 0.3207



Tritanomaly

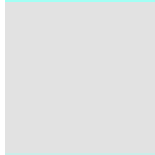
85.0470, 0.2765, 0.3257

Monochromacy



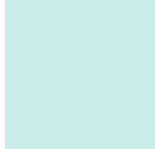
Original Color

85.7330, 0.2665, 0.3411



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.1481, 0.2932, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7330, 0.2665, 0.3411 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(162, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 244)  
}
```

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(162, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 85.7330, 0.2665, 0.3411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

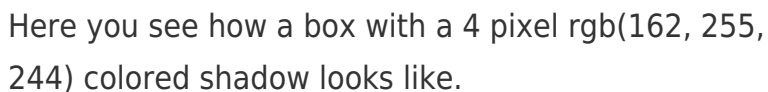
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 255, 244) }
```

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

```
.border{ border-color:rgb(162, 255, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7330, 0.2665, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 244) }
```

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

```
.background{ background-color: rgb(162,  
255, 244) }
```

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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