

Converting Colors

$Yxy(92.1377, 0.2294, 0.2481)$

Have a look what the booklet for
Yxy(92.1377, 0.2294, 0.2481)
contains.

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Color

Yxy(85.4699, 0.2625, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	A5FDFF
RGB	165, 253, 255
RGB Percent	65%, 99%, 100%
CMY	0.3533, 0.0077, 0.0001
CMYK	0.35, 0.01, 0.00, 0.00
HSL	181°, 100%, 82%
HSV	181°, 35%, 100%
XYZ	68.6742, 85.4699, 107.4718
YIQ	226.9160, -53.0900, -18.0340

Conversions

Conversions Part 2

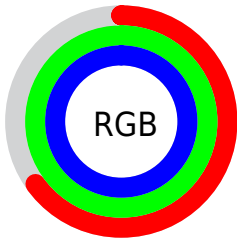
Format	Color
RYB	165, 209, 255
Decimal	10878463
CIELab	94.09, -25.84, -9.33
CIElCh	94, 27.474, 199.853
Yxy	85.4699, 0.2625, 0.3267
Android (android.graphics.Color)	4289068543 (0xFFA5FDFF)
YUV	226.9160, 13.8454, -54.3003
Hunter-Lab	92.4499, -29.1930, -4.2089

Details

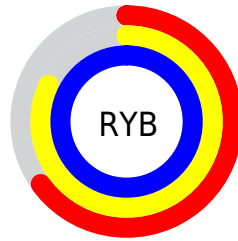
The Yxy color **85.4699, 0.2625, 0.3267** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.5569, 0.3972, 0.3313**, and the grayscale version is **76.6641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **46.7452, 0.2519, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **82.6582, 0.2513, 0.3260**, and if you desaturate by 10%, it is **88.8343, 0.2753, 0.3274**.

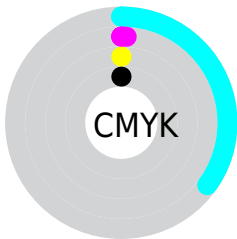
Distribution



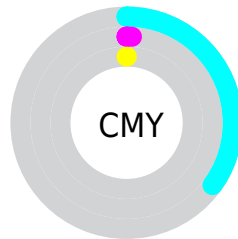
- Red (65%)
- Green (99%)
- Blue (100%)



- Red (65%)
- Yellow (82%)
- Blue (100%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.4699, 0.2625, 0.3267 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 85.4699, 0.2625, 0.3267 by changing the saturation by 10% instead.

 85.4699, 0.2625,
0.3267

 85.4699, 0.2625,
0.3267

513.1817, 0.2847,
0.3282

 64.2297, 0.2577,
0.3263


 141.0295, 0.2700,
0.3273

 46.8368, 0.2518,
0.3257


 176.1177, 0.2730,
0.3275

 32.9066, 0.2446,
0.3249


216.5907, 0.2756,
0.3277

 22.0549, 0.2354,
0.3239

262.8330, 0.2779,
0.3278

 13.8973, 0.2234,
0.3222

315.2288, 0.2799,
0.3279

 8.0492, 0.2072,
0.3195


374.1626, 0.2817,


 4.1265, 0.1840,


0.3280


0.3148


440.0187, 0.2833,
0.3281


 1.7446, 0.1489,
0.3052

 0.4523, 0.0000,
0.2812


 85.4699, 0.2625,
0.3267


 85.4699, 0.2625,
0.3267


 82.6582, 0.2513,
0.3260


 88.8343, 0.2753,
0.3274

 80.3564, 0.2419,
0.3252

 92.7712, 0.2893,
0.3281

 78.5319, 0.2344,
0.3245

 97.3116, 0.3044,
0.3287

 77.1441, 0.2288,
0.3237

99.9991, 0.3127,
0.3290

■ 76.1453, 0.2252,
0.3230

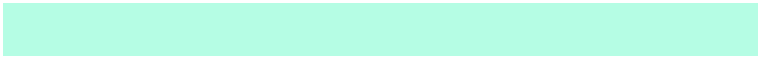
■ 75.4769, 0.2233,
0.3223

■ 75.2386, 0.2228,
0.3220

Harmonies

Analogous

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



85.4699, 0.2842, 0.3565



85.4699, 0.2625, 0.3267



85.4699, 0.2539, 0.2994

Triad

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



85.4699, 0.2625, 0.3267



85.4699, 0.3088, 0.2853



85.4699, 0.3675, 0.3750

Complementary

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



85.4699, 0.2625, 0.3267



51.5569, 0.3972, 0.3313

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.



85.4699, 0.3753, 0.3537



85.4699, 0.2625, 0.3267



85.4699, 0.3405, 0.3033

Square

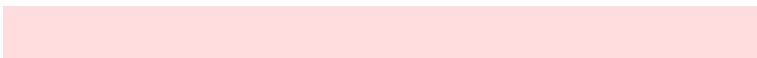
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4699, 0.2625, 0.3267



85.4699, 0.2796, 0.2774



85.4699, 0.3653, 0.3278



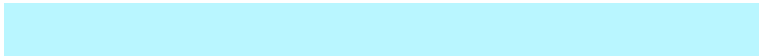
85.4699, 0.3448, 0.3850

Rectangle

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



85.4699, 0.2625, 0.3267



85.4699, 0.2563, 0.2865



85.4699, 0.3653, 0.3278



85.4699, 0.3720, 0.3689

Sweetspot

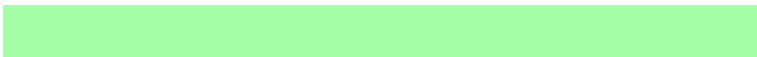
The Sweet Spot groups the original color and five complimentary colors.



85.4733, 0.2625, 0.3267



94.6737, 0.2958, 0.3283



82.2672, 0.3069, 0.4341



20.1347, 0.2937, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

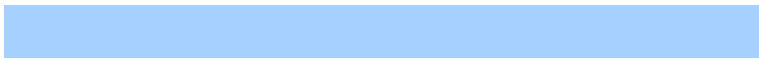
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4733, 0.2625, 0.3267



83.5477, 0.2548, 0.3262



60.5349, 0.2554, 0.2751



20.4095, 0.2980, 0.3284



39.3496, 0.2228, 0.3221



3.8521, 0.2230, 0.3229

Inverse Universe

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



55.2248, 0.3184, 0.2428



49.4792, 0.3195, 0.2275



70.7797, 0.3806, 0.3772



18.2932, 0.3141, 0.3061



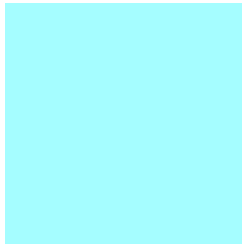
14.7003, 0.3264, 0.1572



1.4334, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 85.4699, 0.2625, 0.3267 looks on a white background.

Color Contrast Check

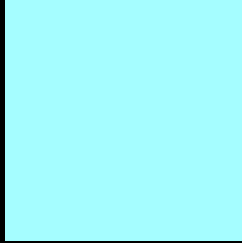
Large Text (above 18pt) WCAG AA × Fail

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 85.4699, 0.2625, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

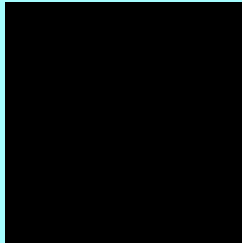
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.4699, 0.2625, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 85.4699, 0.2625, 0.3267.

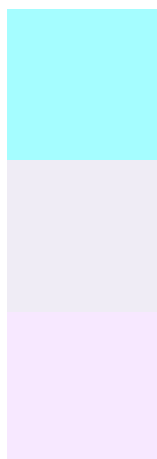


This preview shows how white text looks on a background with the Yxy color 85.4699, 0.2625, 0.3267.

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

85.4699, 0.2625, 0.3267

Protanopia

84.9342, 0.3092, 0.3199

Deuteranopia

84.7074, 0.3084, 0.3064



Tritanopia

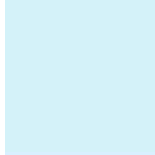
84.9005, 0.2825, 0.3174

Trichromacy



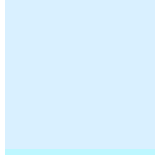
Original Color

85.4699, 0.2625, 0.3267



Protanomaly

84.3409, 0.2898, 0.3216



Deuteranomaly

84.2919, 0.2894, 0.3135



Tritanomaly

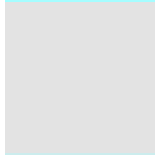
84.6887, 0.2744, 0.3203

Monochromacy



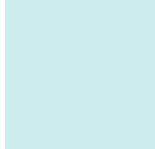
Original Color

85.4699, 0.2625, 0.3267



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

78.9427, 0.2915, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4699, 0.2625, 0.3267 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(165, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 253, 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(165, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.4699, 0.2625, 0.3267 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(165, 253, 255) }
```

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

```
.border{ border-color:rgb(165, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4699, 0.2625, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 253, 255) }
```

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

```
.background{ background-color: rgb(165,  
253, 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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