

Converting Colors

$Yxy(86.8654, 0.2537, 0.3010)$

Have a look what the booklet for
Yxy(86.8654, 0.2537, 0.3010)
contains.

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Color

Yxy(85.2758, 0.2643, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	A9FCFF
RGB	169, 252, 255
RGB Percent	66%, 99%, 100%
CMY	0.3372, 0.0117, 0.0001
CMYK	0.34, 0.01, 0.00, 0.00
HSL	182°, 100%, 83%
HSV	182°, 34%, 100%
XYZ	69.2211, 85.2758, 107.4067
YIQ	227.5250, -50.4310, -16.6630

Conversions

Conversions Part 2

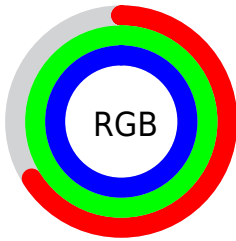
Format	Color
R _Y B	169, 211, 255
Decimal	11140351
CIE Lab	94.00, -24.29, -9.43
CIE LCh	94, 26.061, 201.222
Yxy	85.2758, 0.2643, 0.3256
Android (android.graphics.Color)	4289330431 (0xFFA9FCFF)
YUV	227.5250, 13.5452, -51.3264
Hunter-Lab	92.3449, -27.8012, -4.3190

Details

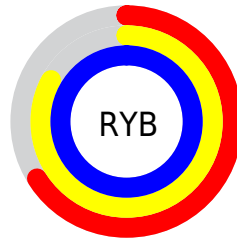
The Yxy color **85.2758, 0.2643, 0.3256** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.6228, 0.3914, 0.3324**, and the grayscale version is **77.1474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **46.6181, 0.2542, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **82.1745, 0.2527, 0.3245**, and if you desaturate by 10%, it is **88.9364, 0.2774, 0.3267**.

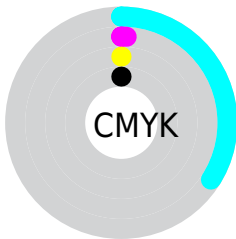
Distribution



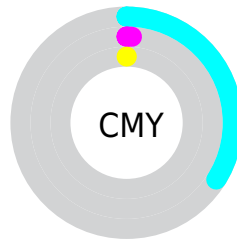
- Red (66%)
- Green (99%)
- Blue (100%)



- Red (66%)
- Yellow (83%)
- Blue (100%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (34%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2758, 0.2643, 0.3256 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 85.2758, 0.2643, 0.3256 by changing the saturation by 10% instead.


 85.2758, 0.2643,
0.3256

 85.2758, 0.2643,
0.3256


512.5402, 0.2857,
0.3275

 64.0693, 0.2596,
0.3251

 140.7584, 0.2716,
0.3263

 46.7068, 0.2540,
0.3244


175.8034, 0.2744,
0.3266

 32.8039, 0.2470,
0.3235


216.2299, 0.2769,
0.3268

 21.9763, 0.2381,
0.3222

262.4224, 0.2791,
0.3270

 13.8395, 0.2265,
0.3203

314.7653, 0.2811,
0.3272

 8.0091, 0.2107,
0.3174

373.6430, 0.2828,

 4.1008, 0.1882,

0.3273

0.3123

439.4398, 0.2843,
0.3274

■ 1.7301, 0.1539,
0.3022

■ 0.4430, 0.0000,
0.2776

■ 85.2758, 0.2643,
0.3256

■ 85.2758, 0.2643,
0.3256

■ 82.1745, 0.2527,
0.3245

■ 88.9364, 0.2774,
0.3267

■ 79.5901, 0.2428,
0.3233

■ 93.1755, 0.2917,
0.3277

■ 77.4907, 0.2349,
0.3221

■ 98.0241, 0.3069,
0.3287

■ 75.8364, 0.2288,
0.3209

99.9991, 0.3127,
0.3290

■ 74.5810, 0.2248,
0.3198

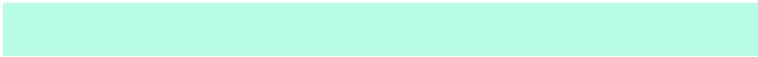
■ 73.6681, 0.2224,
0.3186

■ 73.2192, 0.2217,
0.3179

Harmonies

Analogous

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



85.2758, 0.2845, 0.3539



85.2758, 0.2643, 0.3256



85.2758, 0.2567, 0.3000

Triad

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



85.2758, 0.2643, 0.3256



85.2758, 0.3104, 0.2880



85.2758, 0.3640, 0.3735

Complementary

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



85.2758, 0.2643, 0.3256



53.6228, 0.3914, 0.3324

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.



85.2758, 0.3721, 0.3537



85.2758, 0.2643, 0.3256



85.2758, 0.3404, 0.3056

Square

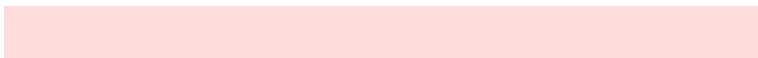
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2758, 0.2643, 0.3256



85.2758, 0.2823, 0.2800



85.2758, 0.3634, 0.3291



85.2758, 0.3420, 0.3822

Rectangle

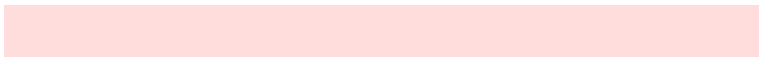
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2758, 0.2643, 0.3256



85.2758, 0.2595, 0.2880



85.2758, 0.3634, 0.3291



85.2758, 0.3685, 0.3678

Sweetspot

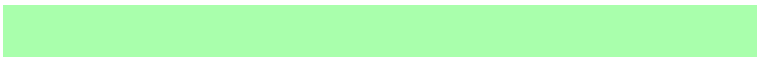
The Sweet Spot groups the original color and five complimentary colors.



85.2792, 0.2643, 0.3256



94.9175, 0.2973, 0.3281



82.9210, 0.3065, 0.4268



20.1741, 0.2951, 0.3279



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.



85.2792, 0.2643, 0.3256



83.2765, 0.2568, 0.3249



61.3200, 0.2579, 0.2762



20.3670, 0.2980, 0.3281



38.3112, 0.2217, 0.3181



3.7627, 0.2221, 0.3194

Inverse Universe

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



56.6645, 0.3190, 0.2476



51.0368, 0.3202, 0.2331



72.6533, 0.3764, 0.3763



18.2889, 0.3143, 0.3064



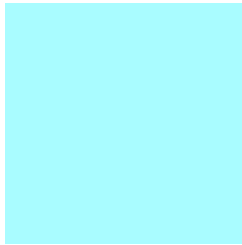
14.5955, 0.3298, 0.1590



1.4244, 0.3287, 0.1584

Previews

White Background



This preview shows how the Yxy color 85.2758, 0.2643, 0.3256 looks on a white background.

Color Contrast Check

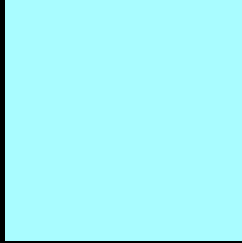
Large Text (above 18pt) WCAG AA × Fail

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 85.2758, 0.2643, 0.3256 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

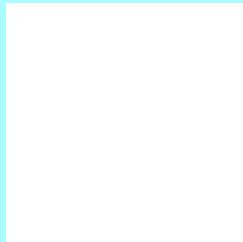
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2758, 0.2643, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 85.2758, 0.2643, 0.3256.

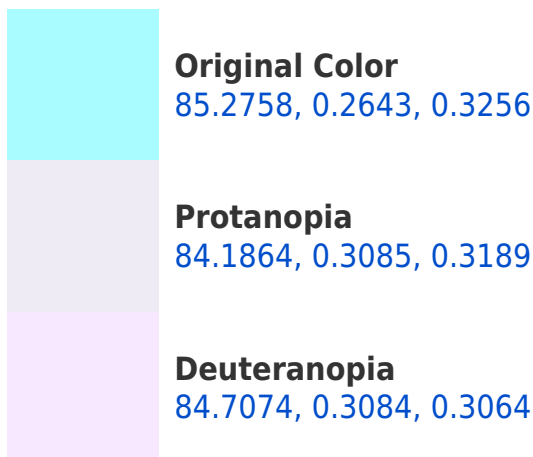


This preview shows how white text looks on a background with the Yxy color 85.2758, 0.2643, 0.3256.

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

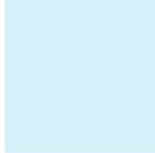
85.0432, 0.2831, 0.3174

Trichromacy



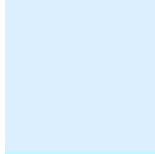
Original Color

85.2758, 0.2643, 0.3256



Protanomaly

83.8963, 0.2904, 0.3206



Deuteranomaly

84.0131, 0.2906, 0.3125



Tritanomaly

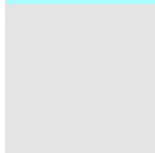
85.0790, 0.2760, 0.3204

Monochromacy



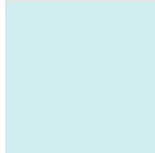
Original Color

85.2758, 0.2643, 0.3256



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.0068, 0.2928, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2758, 0.2643, 0.3256 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(169, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 252, 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(169, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.2758, 0.2643, 0.3256 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(169, 252, 255) }
```

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

```
.border{ border-color:rgb(169, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2758, 0.2643, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 252, 255) }
```

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

```
.background{ background-color: rgb(169,  
252, 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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