

Converting Colors

$Yxy(85.6666, 0.2607, 0.3278)$

Have a look what the booklet for
Yxy(85.6666, 0.2607, 0.3278)
contains.

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Color

Yxy(85.6807, 0.2608, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	A1FEFF
RGB	161, 254, 255
RGB Percent	63%, 100%, 100%
CMY	0.3688, 0.0039, 0.0000
CMYK	0.37, 0.00, 0.00, 0.00
HSL	181°, 100%, 82%
HSV	181°, 37%, 100%
XYZ	68.1890, 85.6807, 107.5911
YIQ	226.3070, -55.7490, -19.4050

Conversions

Conversions Part 2

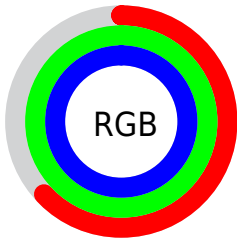
Format	Color
R_{YB}	161, 208, 255
Decimal	10616575
CIE Lab	94.18, -27.29, -9.25
CIE LCh	94, 28.814, 198.720
Yxy	85.6807, 0.2608, 0.3277
Android (android.graphics.Color)	4288806655 (0xFFA1FEFF)
YUV	226.3070, 14.1456, -57.2742
Hunter-Lab	92.5639, -30.4913, -4.1207

Details

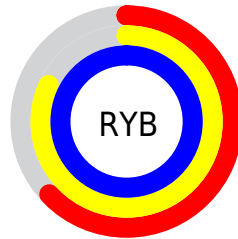
The Yxy color **85.6807, 0.2608, 0.3277** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.6554, 0.4030, 0.3303**, and the grayscale version is **76.2061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **46.9528, 0.2501, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **83.1265, 0.2500, 0.3274**, and if you desaturate by 10%, it is **88.7758, 0.2733, 0.3281**.

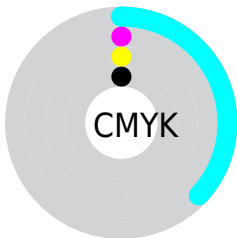
Distribution



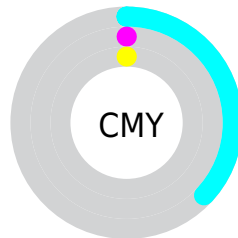
- Red (63%)
- Green (100%)
- Blue (100%)



- Red (63%)
- Yellow (82%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6807, 0.2608, 0.3277 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 85.6807, 0.2608, 0.3277 by changing the saturation by 10% instead.

 85.6807, 0.2608,
0.3277

 85.6807, 0.2608,
0.3277


513.8778, 0.2837,
0.3287

 64.4040, 0.2558,
0.3274


 141.3238, 0.2686,
0.3281

 46.9779, 0.2498,
0.3269


 176.4590, 0.2716,
0.3283

 33.0182, 0.2423,
0.3263


216.9825, 0.2743,
0.3284

 22.1404, 0.2328,
0.3253

263.2786, 0.2767,
0.3285

 13.9601, 0.2205,
0.3239

315.7318, 0.2787,
0.3286

 8.0929, 0.2039,
0.3215


374.7265, 0.2806,


 4.1545, 0.1802,

0.3287


0.3171


440.6470, 0.2822,
0.3287

 1.7603, 0.1444,
0.3079


 0.4623, 0.0000,
0.2846

 85.6807, 0.2608,
0.3277


 85.6807, 0.2608,
0.3277


 83.1265, 0.2500,
0.3274


 88.7758, 0.2733,
0.3281

 81.0793, 0.2410,
0.3270

 92.4413, 0.2871,
0.3285

 79.5027, 0.2339,
0.3266

 96.7055, 0.3020,
0.3288

 78.3551, 0.2288,
0.3263

100.0000, 0.3127,
0.3290

■ 77.5878, 0.2256,
0.3259

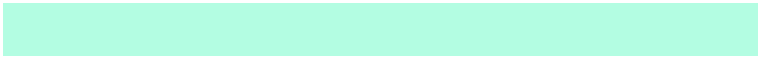
■ 77.1386, 0.2241,
0.3256

■ 77.0344, 0.2238,
0.3255

Harmonies

Analogous

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



85.6807, 0.2839, 0.3590



85.6807, 0.2608, 0.3277



85.6807, 0.2513, 0.2989

Triad

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



85.6807, 0.2608, 0.3277



85.6807, 0.3073, 0.2828



85.6807, 0.3707, 0.3765

Complementary

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



85.6807, 0.2608, 0.3277



49.6554, 0.4030, 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.



85.6807, 0.3783, 0.3538



85.6807, 0.2608, 0.3277



85.6807, 0.3406, 0.3013

Square

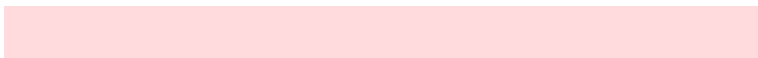
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6807, 0.2608, 0.3277



85.6807, 0.2770, 0.2750



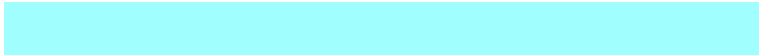
85.6807, 0.3671, 0.3267



85.6807, 0.3473, 0.3876

Rectangle

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



85.6807, 0.2608, 0.3277



85.6807, 0.2534, 0.2851



85.6807, 0.3671, 0.3267



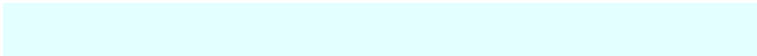
85.6807, 0.3752, 0.3698

Sweetspot

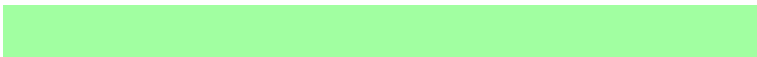
The Sweet Spot groups the original color and five complimentary colors.



85.6810, 0.2608, 0.3278



94.8740, 0.2958, 0.3287



81.6645, 0.3074, 0.4414



20.1829, 0.2937, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

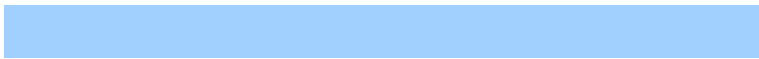
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6810, 0.2608, 0.3278



83.8084, 0.2529, 0.3275



59.8945, 0.2531, 0.2742



20.4466, 0.2980, 0.3287



40.2672, 0.2238, 0.3255



3.9309, 0.2239, 0.3259

Inverse Universe

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



53.8916, 0.3178, 0.2383



47.9889, 0.3188, 0.2220



68.9335, 0.3849, 0.3778



18.2969, 0.3140, 0.3058



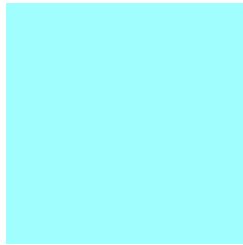
14.7930, 0.3236, 0.1556



1.4414, 0.3232, 0.1554

Previews

White Background



This preview shows how the Yxy color 85.6807, 0.2608, 0.3277 looks on a white background.

Color Contrast Check

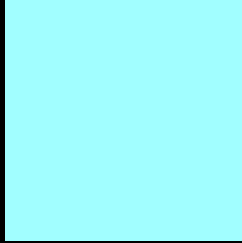
Large Text (above 18pt) WCAG AA × Fail

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 85.6807, 0.2608, 0.3277 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

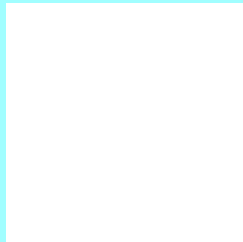
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6807, 0.2608, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 85.6807, 0.2608, 0.3277.

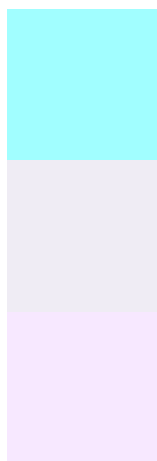


This preview shows how white text looks on a background with the Yxy color 85.6807, 0.2608, 0.3277.

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

85.6807, 0.2608, 0.3277

Protanopia

84.8733, 0.3098, 0.3209

Deuteranopia

84.7074, 0.3084, 0.3064



Tritanopia

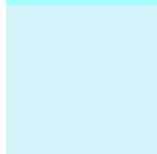
84.9005, 0.2825, 0.3174

Trichromacy



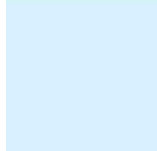
Original Color

85.6807, 0.2608, 0.3277



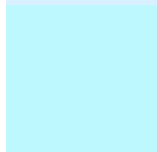
Protanomaly

84.7274, 0.2898, 0.3237



Deuteranomaly

84.1391, 0.2888, 0.3134



Tritanomaly

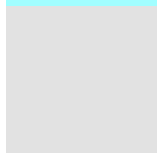
85.1736, 0.2740, 0.3214

Monochromacy



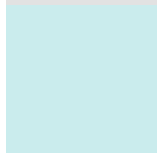
Original Color

85.6807, 0.2608, 0.3277



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

78.6619, 0.2902, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6807, 0.2608, 0.3277 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(161, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 254, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.6807, 0.2608, 0.3277 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(161, 254, 255) }
```

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

```
.border{ border-color:rgb(161, 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(161, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 254,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6807, 0.2608, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 254, 255) }
```

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

```
.background{ background-color: rgb(161,  
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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