

Converting Colors

$Yxy(83.2147, 0.2653, 0.3256)$

Have a look what the booklet for
Yxy(83.2147, 0.2653, 0.3256)
contains.

Yxy(83.2147, 0.2653, 0.3256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(83.2147, 0.2653, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	A9F9FC
RGB	169, 249, 252
RGB Percent	66%, 98%, 99%
CMY	0.3373, 0.0235, 0.0119
CMYK	0.33, 0.01, 0.00, 0.01
HSL	182°, 93%, 83%
HSV	182°, 33%, 99%
XYZ	67.8036, 83.2147, 104.5551
YIQ	225.4220, -48.6430, -16.0270

Conversions

Conversions Part 2

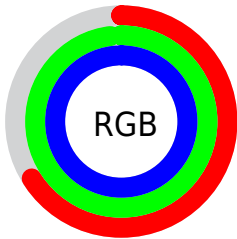
Format	Color
R _Y B	169, 210, 252
Decimal	11139580
CIE Lab	93.11, -23.53, -9.20
CIE LCh	93, 25.267, 201.344
Yxy	83.2147, 0.2653, 0.3256
Android (android.graphics.Color)	4289329660 (0xFFA9F9FC)
YUV	225.4220, 13.1030, -49.4821
Hunter-Lab	91.2221, -26.9630, -4.1003

Details

The Yxy color **83.2147, 0.2653, 0.3256** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.0431, 0.3887, 0.3324**, and the grayscale version is **75.5452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **45.1501, 0.2552, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **80.1405, 0.2536, 0.3244**, and if you desaturate by 10%, it is **86.8351, 0.2785, 0.3267**.

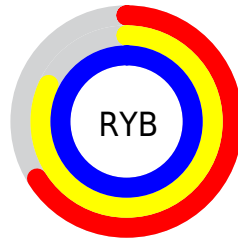
Distribution



Red (66%)

Green (98%)

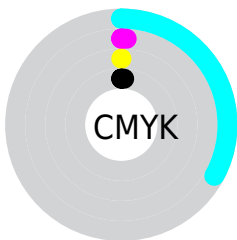
Blue (99%)



Red (66%)

Yellow (82%)

Blue (99%)

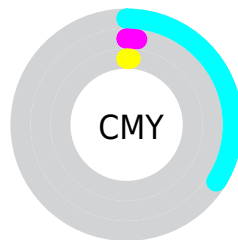


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (1%)



Cyan (34%)


Magenta (2%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.2147, 0.2653, 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 83.2147, 0.2653, 0.3256 by changing the saturation by 10% instead.


 83.2147, 0.2653,
0.3256

 83.2147, 0.2653,
0.3256


505.7018, 0.2864,
0.3275

 62.3673, 0.2607,
0.3251


 137.8761, 0.2725,
0.3263

 45.3295, 0.2551,
0.3244


172.4589, 0.2753,
0.3266

 31.7171, 0.2481,
0.3235


212.3890, 0.2777,
0.3268

 21.1455, 0.2393,
0.3222

258.0507, 0.2799,
0.3270

 13.2304, 0.2277,
0.3203

309.8284, 0.2818,
0.3272

 7.5874, 0.2118,
0.3174


368.1066, 0.2835,


 3.8321, 0.1890,


0.3273


0.3122


433.2696, 0.2850,
0.3274


 1.5801, 0.1537,
0.3018


 0.3441, 0.0000,
0.2525


 83.2147, 0.2653,
0.3256

 83.2147, 0.2653,
0.3256


 80.1405, 0.2536,
0.3244


 86.8351, 0.2785,
0.3267


 77.5716, 0.2435,
0.3232

 91.0203, 0.2929,
0.3278

 75.4772, 0.2354,
0.3220

 95.8001, 0.3081,
0.3287

 73.8191, 0.2292,
0.3208

 98.2860, 0.3146,
0.3296

72.5529, 0.2250,
0.3196

98.8534, 0.3145,
0.3305

71.6249, 0.2225,
0.3184

99.4235, 0.3145,
0.3313

71.1171, 0.2216,
0.3176

99.8062, 0.3145,
0.3319

Harmonies

Analogous

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



83.2147, 0.2850, 0.3532



83.2147, 0.2653, 0.3256



83.2147, 0.2579, 0.3006

Triad

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



83.2147, 0.2653, 0.3256



83.2147, 0.3106, 0.2889



83.2147, 0.3628, 0.3726

Complementary

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



83.2147, 0.2653, 0.3256



53.0431, 0.3887, 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.



83.2147, 0.3708, 0.3533



83.2147, 0.2653, 0.3256



83.2147, 0.3399, 0.3062

Square

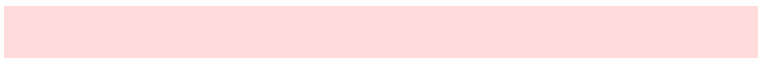
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2147, 0.2653, 0.3256



83.2147, 0.2831, 0.2811



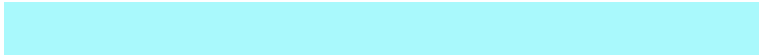
83.2147, 0.3623, 0.3292



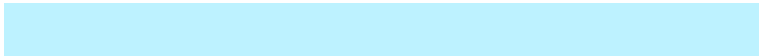
83.2147, 0.3413, 0.3810

Rectangle

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



83.2147, 0.2653, 0.3256



83.2147, 0.2606, 0.2889



83.2147, 0.3623, 0.3292



83.2147, 0.3672, 0.3671

Sweetspot

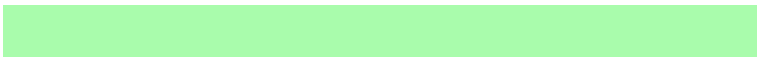
The Sweet Spot groups the original color and five complimentary colors.



83.2180, 0.2653, 0.3256



94.9016, 0.2973, 0.3281



81.0047, 0.3067, 0.4240



20.1702, 0.2951, 0.3279



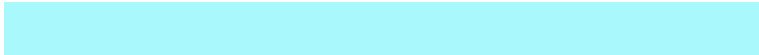
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



83.2180, 0.2653, 0.3256



83.2137, 0.2568, 0.3248



60.4356, 0.2592, 0.2777



19.4961, 0.2980, 0.3281



37.1054, 0.2216, 0.3178



3.4688, 0.2220, 0.3192

Inverse Universe

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



55.9054, 0.3189, 0.2496



51.0304, 0.3203, 0.2332



71.2678, 0.3746, 0.3752



17.5133, 0.3144, 0.3065



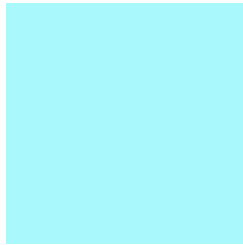
14.1567, 0.3300, 0.1592



1.3144, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 83.2147, 0.2653, 0.3256 looks on a white background.

Color Contrast Check

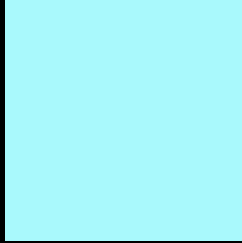
Large Text (above 18pt) WCAG AA × Fail

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 83.2147, 0.2653, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

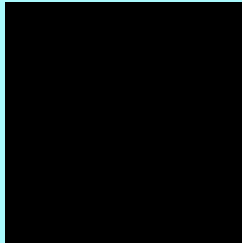
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.2147, 0.2653, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 83.2147, 0.2653, 0.3256.

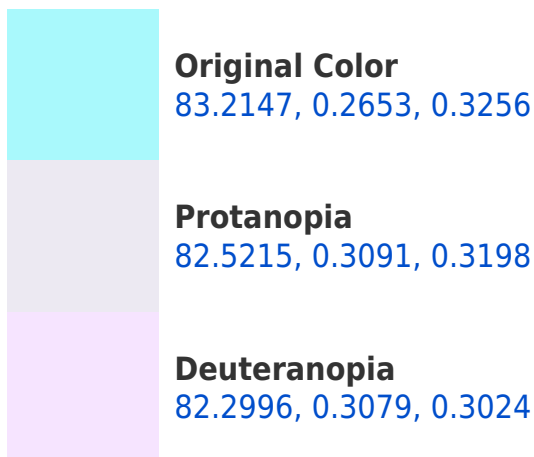


This preview shows how white text looks on a background with the Yxy color 83.2147, 0.2653, 0.3256.

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

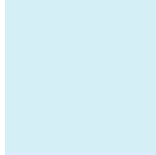
82.7300, 0.2784, 0.3151

Trichromacy



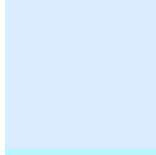
Original Color

83.2147, 0.2653, 0.3256



Protanomaly

82.3839, 0.2914, 0.3216



Deuteranomaly

82.0521, 0.2905, 0.3103



Tritanomaly

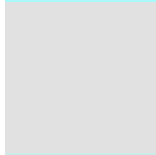
83.0254, 0.2731, 0.3192

Monochromacy



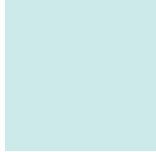
Original Color

83.2147, 0.2653, 0.3256



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.8229, 0.2932, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.2147, 0.2653, 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, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(169, 249, 252)  
}
```

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, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 249, 252) }
```

Border

The CSS property to change the border of an element to Yxy 83.2147, 0.2653, 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, 249, 252) }
```

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

```
.border{ border-color:rgb(169, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 249, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 249, 252); box-shadow:4px 4px 4px 4px rgb(169, 249, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2147, 0.2653, 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, 249, 252) }
```

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

```
.background{ background-color: rgb(169,  
249, 252) }
```

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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