

Converting Colors

$Yxy(84.2558, 0.2653, 0.3389)$

Have a look what the booklet for
Yxy(84.2558, 0.2653, 0.3389)
contains.

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Color

Yxy(84.2558, 0.2653, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	A0FDF4
RGB	160, 253, 244
RGB Percent	63%, 99%, 96%
CMY	0.3725, 0.0078, 0.0430
CMYK	0.37, 0.00, 0.04, 0.01
HSL	174°, 96%, 81%
HSV	174°, 37%, 99%
XYZ	65.9577, 84.2558, 98.4020
YIQ	224.1670, -52.5390, -22.5150

Conversions

Conversions Part 2

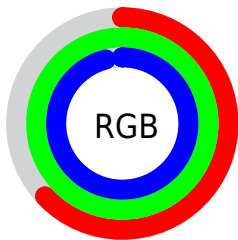
Format	Color
R _Y B	160, 209, 253
Decimal	10550772
CIE Lab	93.56, -29.58, -4.47
CIE LCh	94, 29.914, 188.586
Yxy	84.2558, 0.2653, 0.3389
Android (android.graphics.Color)	4288740852 (0xFFA0FDF4)
YUV	224.1670, 9.7777, -56.2745
Hunter-Lab	91.7910, -32.3705, 0.6934

Details

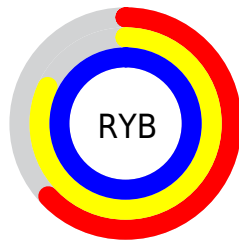
The Yxy color **84.2558, 0.2653, 0.3389** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.8936, 0.3939, 0.3197**, and the grayscale version is **74.6295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **45.9943, 0.2548, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **81.7641, 0.2553, 0.3420**, and if you desaturate by 10%, it is **87.2867, 0.2768, 0.3359**.

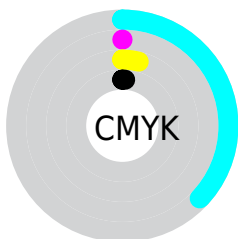
Distribution



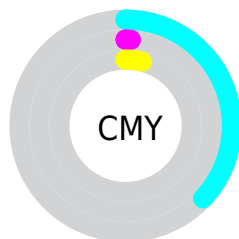
- Red (63%)
- Green (99%)
- Blue (96%)



- Red (63%)
- Yellow (82%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (37%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.2558, 0.2653, 0.3389 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 84.2558, 0.2653, 0.3389 by changing the saturation by 10% instead.


 84.2558, 0.2653,
0.3389


 84.2558, 0.2653,
0.3389


509.1623, 0.2864,
0.3347

 63.2267, 0.2607,
0.3398


 139.3329, 0.2725,
0.3375

 46.0246, 0.2550,
0.3408


 174.1497, 0.2753,
0.3370

 32.2652, 0.2480,
0.3420


214.3312, 0.2778,
0.3365

 21.5642, 0.2391,
0.3435

260.2617, 0.2799,
0.3360

 13.5370, 0.2274,
0.3454

312.3257, 0.2818,
0.3357

 7.7994, 0.2113,
0.3477


370.9075, 0.2835,


 3.9668, 0.1881,

0.3353


0.3504


436.3916, 0.2851,
0.3350


 1.6550, 0.1507,
0.3538


 0.3943, 0.0000,
0.3471


 84.2558, 0.2653,
0.3389


 84.2558, 0.2653,
0.3389

 81.7641, 0.2553,
0.3420


 87.2867, 0.2768,
0.3359


 79.7691, 0.2471,
0.3453

 90.8765, 0.2895,
0.3332

 78.2383, 0.2408,
0.3486

 95.0558, 0.3031,
0.3306

 77.1309, 0.2364,
0.3520

 98.6524, 0.3135,
0.3283

■ 76.3992, 0.2340,
0.3553

98.7300, 0.3128,
0.3271

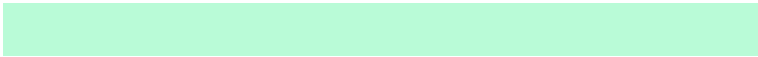
■ 75.9828, 0.2333,
0.3586

■ 75.8855, 0.2332,
0.3597

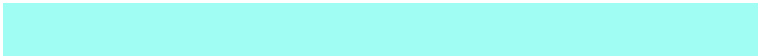
Harmonies

Analogous

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



84.2558, 0.2931, 0.3700



84.2558, 0.2653, 0.3389



84.2558, 0.2503, 0.3067

Triad

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



84.2558, 0.2653, 0.3389



84.2558, 0.2955, 0.2768



84.2558, 0.3780, 0.3714

Complementary

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



84.2558, 0.2653, 0.3389



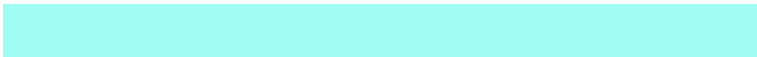
48.8936, 0.3939, 0.3197

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.



84.2558, 0.3794, 0.3453



84.2558, 0.2653, 0.3389



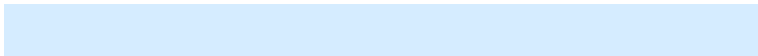
84.2558, 0.3303, 0.2926

Square

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



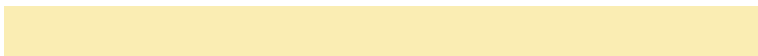
84.2558, 0.2653, 0.3389



84.2558, 0.2670, 0.2731



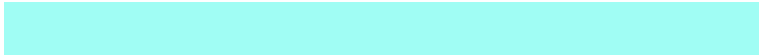
84.2558, 0.3616, 0.3171



84.2558, 0.3585, 0.3880

Rectangle

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



84.2558, 0.2653, 0.3389



84.2558, 0.2490, 0.2897



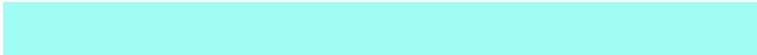
84.2558, 0.3616, 0.3171



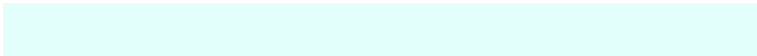
84.2558, 0.3807, 0.3634

Sweetspot

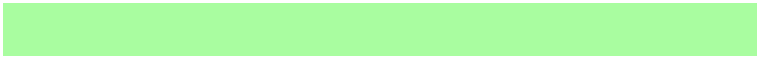
The Sweet Spot groups the original color and five complimentary colors.



84.2592, 0.2653, 0.3389



94.8898, 0.2972, 0.3317



81.2585, 0.3129, 0.4391



20.1867, 0.2954, 0.3320



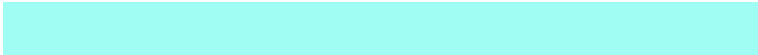
0.0000, 0.0000, 0.0000



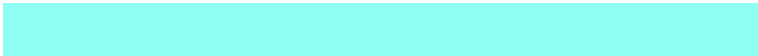
21.4041, 0.3127, 0.3290

Same Dimension

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



84.2592, 0.2653, 0.3389



83.8847, 0.2579, 0.3412



63.5795, 0.2550, 0.2857



20.4495, 0.2993, 0.3313



40.3807, 0.2331, 0.3591



3.9401, 0.2320, 0.3553

Inverse Universe

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



48.8936, 0.3939, 0.3197



43.1652, 0.4187, 0.3180



63.4489, 0.3881, 0.3682



18.0155, 0.3279, 0.3267



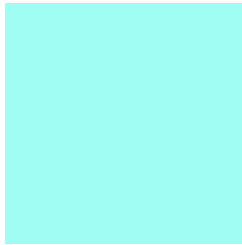
11.1539, 0.6294, 0.3241



1.0951, 0.6087, 0.3127

Previews

White Background



This preview shows how the Yxy color 84.2558, 0.2653, 0.3389 looks on a white background.

Color Contrast Check

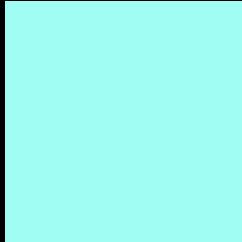
Large Text (above 18pt) WCAG AA × Fail

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 84.2558, 0.2653, 0.3389 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

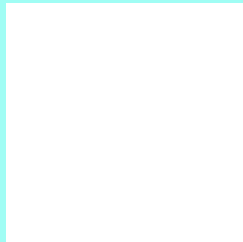
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.2558, 0.2653, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 84.2558, 0.2653, 0.3389.

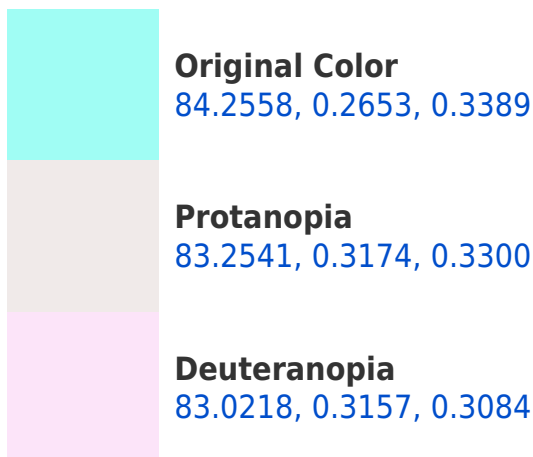


This preview shows how white text looks on a background with the Yxy color 84.2558, 0.2653, 0.3389.

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

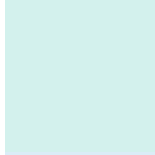
83.6005, 0.2796, 0.3162

Trichromacy



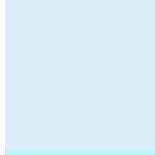
Original Color

84.2558, 0.2653, 0.3389



Protanomaly

82.8739, 0.2959, 0.3332



Deuteranomaly

82.3438, 0.2951, 0.3185



Tritanomaly

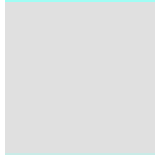
83.8009, 0.2737, 0.3246

Monochromacy



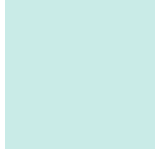
Original Color

84.2558, 0.2653, 0.3389



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

77.6037, 0.2930, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2558, 0.2653, 0.3389 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(160, 253, 244)` looks like.

```
.text, #text, p{  
    color:rgb(160, 253, 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(160, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 253, 244) }
```

Border

The CSS property to change the border of an element to Yxy 84.2558, 0.2653, 0.3389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

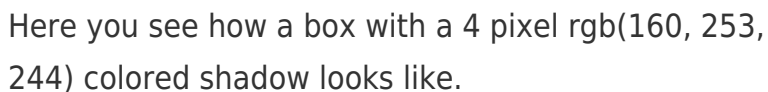
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 253, 244) }
```

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

```
.border{ border-color:rgb(160, 253, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 253, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 253, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 253, 244); box-shadow:4px 4px 4px 4px rgb(160, 253, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2558, 0.2653, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 253, 244) }
```

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

```
.background{ background-color: rgb(160,  
253, 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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