

Converting Colors

$Yxy(90.0551, 0.2634, 0.3407)$

Have a look what the booklet for
Yxy(90.0551, 0.2634, 0.3407)
contains.

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Color

Yxy(85.9586, 0.2624, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	A0FFFB
RGB	160, 255, 251
RGB Percent	63%, 100%, 98%
CMY	0.3723, 0.0000, 0.0158
CMYK	0.37, 0.00, 0.02, 0.00
HSL	177°, 100%, 81%
HSV	177°, 37%, 100%
XYZ	67.6734, 85.9586, 104.2696
YIQ	226.1390, -55.3360, -21.3840

Conversions

Conversions Part 2

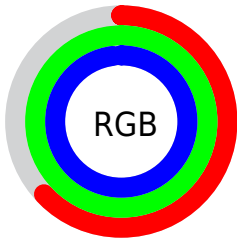
Format	Color
RYB	160, 209, 255
Decimal	10551291
CIELab	94.29, -28.93, -6.97
CIELCh	94, 29.762, 193.547
Yxy	85.9586, 0.2624, 0.3333
Android (android.graphics.Color)	4288741371 (0xFFA0FFFB)
YUV	226.1390, 12.2565, -58.0039
Hunter-Lab	92.7139, -31.9592, -1.7801

Details

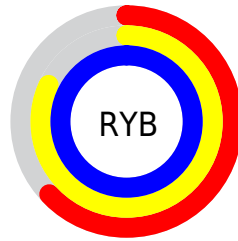
The Yxy color **85.9586, 0.2624, 0.3333** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.1023, 0.4006, 0.3250**, and the grayscale version is **76.1074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **47.2119, 0.2515, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **83.5289, 0.2521, 0.3346**, and if you desaturate by 10%, it is **88.9345, 0.2743, 0.3320**.

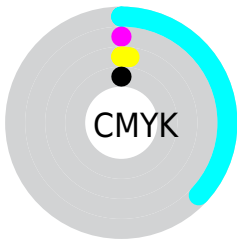
Distribution



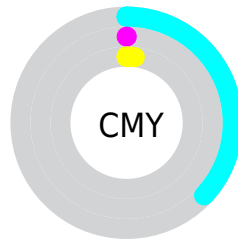
- Red (63%)
- Green (100%)
- Blue (98%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9586, 0.2624, 0.3333 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 85.9586, 0.2624, 0.3333 by changing the saturation by 10% instead.


 85.9586, 0.2624,
0.3333


 85.9586, 0.2624,
0.3333


514.7947, 0.2847,
0.3318

 64.6337, 0.2575,
0.3336


 141.7117, 0.2699,
0.3328

 47.1642, 0.2517,
0.3338


 176.9088, 0.2729,
0.3326

 33.1654, 0.2444,
0.3341


217.4987, 0.2755,
0.3325

 22.2532, 0.2352,
0.3343

263.8658, 0.2778,
0.3323

 14.0431, 0.2231,
0.3345

316.3946, 0.2798,
0.3321

 8.1506, 0.2067,
0.3343


375.4694, 0.2816,


 4.1915, 0.1834,


0.3320


441.4746, 0.2832,
0.3319


0.3332

 1.7812, 0.1476,
0.3297


 0.4754, 0.0000,
0.3210

 85.9586, 0.2624,
0.3333

 85.9586, 0.2624,
0.3333


 83.5289, 0.2521,
0.3346


 88.9345, 0.2743,
0.3320

 81.6021, 0.2435,
0.3360

 92.4767, 0.2876,
0.3308

 80.1446, 0.2369,
0.3374

 96.6167, 0.3019,
0.3297

 79.1147, 0.2323,
0.3388

99.9997, 0.3127,
0.3290

■ 78.4632, 0.2296,
0.3403

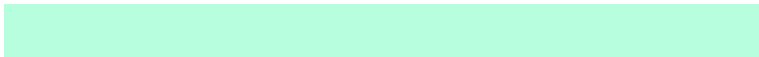
■ 78.1267, 0.2285,
0.3416

■ 78.0630, 0.2283,
0.3420

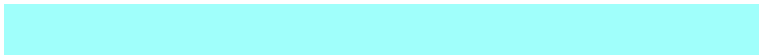
Harmonies

Analogous

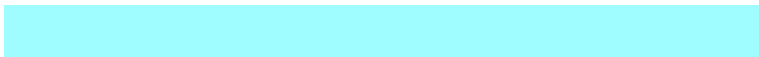
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9586, 0.2881, 0.3650



85.9586, 0.2624, 0.3333



85.9586, 0.2500, 0.3024

Triad

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



85.9586, 0.2624, 0.3333



85.9586, 0.3012, 0.2792



85.9586, 0.3752, 0.3745

Complementary

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



85.9586, 0.2624, 0.3333



49.1023, 0.4006, 0.3250

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.



85.9586, 0.3798, 0.3498



85.9586, 0.2624, 0.3333



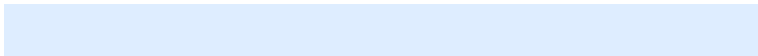
85.9586, 0.3357, 0.2965

Square

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



85.9586, 0.2624, 0.3333



85.9586, 0.2714, 0.2734



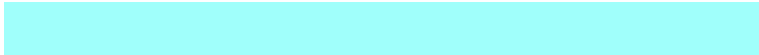
85.9586, 0.3651, 0.3217



85.9586, 0.3534, 0.3887

Rectangle

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



85.9586, 0.2624, 0.3333



85.9586, 0.2504, 0.2868



85.9586, 0.3651, 0.3217



85.9586, 0.3789, 0.3670

Sweetspot

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



85.9620, 0.2624, 0.3333



94.9864, 0.2964, 0.3301



82.0373, 0.3101, 0.4418



20.2099, 0.2945, 0.3303



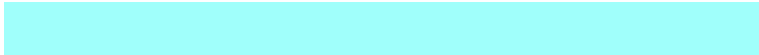
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



85.9620, 0.2624, 0.3333



84.0279, 0.2542, 0.3343



61.9222, 0.2534, 0.2793



20.4674, 0.2986, 0.3300



40.7956, 0.2283, 0.3418



3.9761, 0.2278, 0.3402

Inverse Universe

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



49.1023, 0.4006, 0.3250



42.1372, 0.4292, 0.3243



66.4068, 0.3875, 0.3736



17.9995, 0.3288, 0.3280



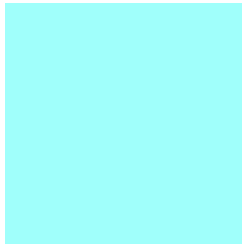
11.1266, 0.6358, 0.3276



1.0875, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 85.9586, 0.2624, 0.3333 looks on a white background.

Color Contrast Check

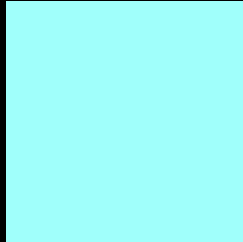
Large Text (above 18pt) WCAG AA × Fail

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 85.9586, 0.2624, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

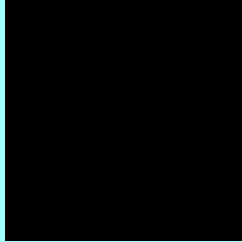
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

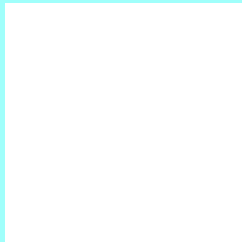
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9586, 0.2624, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 85.9586, 0.2624, 0.3333.

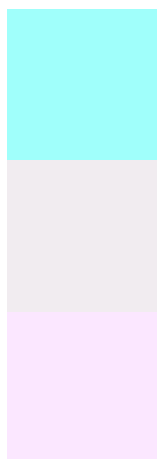


This preview shows how white text looks on a background with the Yxy color 85.9586, 0.2624, 0.3333.

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

85.9586, 0.2624, 0.3333

Protanopia

84.9829, 0.3136, 0.3250

Deuteranopia

84.8811, 0.3111, 0.3056



Tritanopia

85.6466, 0.2832, 0.3185

Trichromacy



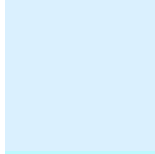
Original Color

85.9586, 0.2624, 0.3333



Protanomaly

84.6299, 0.2926, 0.3279



Deuteranomaly

84.3814, 0.2906, 0.3145



Tritanomaly

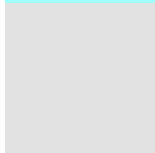
85.7259, 0.2746, 0.3235

Monochromacy



Original Color

85.9586, 0.2624, 0.3333



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.1231, 0.2914, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9586, 0.2624, 0.3333 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, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 251)  
}
```

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, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 85.9586, 0.2624, 0.3333 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, 255, 251) }
```

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

```
.border{ border-color:rgb(160, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 255, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 255, 251); box-shadow:4px 4px 4px 4px rgb(160, 255, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9586, 0.2624, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 251) }
```

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

```
.background{ background-color: rgb(160,  
255, 251) }
```

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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