

Converting Colors

$Yxy(82.7826, 0.2547, 0.3248)$

Have a look what the booklet for
Yxy(82.7826, 0.2547, 0.3248)
contains.

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Color

Yxy(82.5103, 0.2546, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	94FBFF
RGB	148, 251, 255
RGB Percent	58%, 98%, 100%
CMY	0.4192, 0.0157, 0.0000
CMYK	0.42, 0.02, 0.00, 0.00
HSL	182°, 100%, 79%
HSV	182°, 42%, 100%
XYZ	64.7768, 82.5103, 107.1387
YIQ	220.6590, -62.6720, -20.5920

Conversions

Conversions Part 2

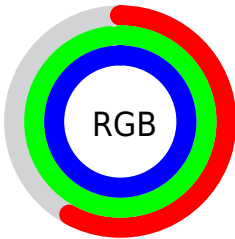
Format	Color
R_{YB}	148, 200, 255
Decimal	9763839
CIE _{Lab}	92.80, -28.95, -11.34
CIE _{LCh}	93, 31.095, 201.390
Yxy	82.5103, 0.2546, 0.3243
Android (android.graphics.Color)	4287953919 (0xFF94FBFF)
YUV	220.6590, 16.9301, -63.7219
Hunter-Lab	90.8352, -31.6688, -6.3470

Details

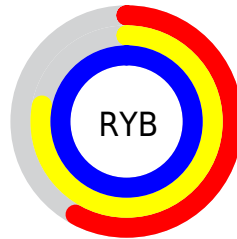
The Yxy color **82.5103, 0.2546, 0.3243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.8978, 0.4203, 0.3335**, and the grayscale version is **71.9845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **44.7846, 0.2423, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **79.7914, 0.2444, 0.3231**, and if you desaturate by 10%, it is **85.7594, 0.2665, 0.3255**.

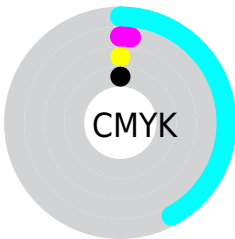
Distribution



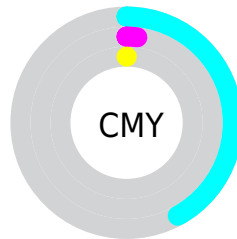
- Red (58%)
- Green (98%)
- Blue (100%)



- Red (58%)
- Yellow (78%)
- Blue (100%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5103, 0.2546, 0.3243 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 82.5103, 0.2546, 0.3243 by changing the saturation by 10% instead.

 82.5103, 0.2546,
0.3243


 82.5103, 0.2546,
0.3243

503.3530, 0.2804,
0.3270

 61.7863, 0.2490,
0.3236


 136.8894, 0.2633,
0.3253

 44.8600, 0.2422,
0.3226


 171.3132, 0.2668,
0.3257

 31.3472, 0.2338,
0.3213


211.0724, 0.2698,
0.3260

 20.8634, 0.2231,
0.3195

256.5514, 0.2724,
0.3263

 13.0242, 0.2092,
0.3167

308.1346, 0.2748,
0.3265

 7.4452, 0.1904,
0.3124


366.2063, 0.2768,


 3.7420, 0.1639,


0.3267


0.3050


431.1510, 0.2787,
0.3269

 1.5303, 0.1217,
0.2910


 0.3099, 0.0000,
0.2138


 82.5103, 0.2546,
0.3243

 82.5103, 0.2546,
0.3243


 79.7914, 0.2444,
0.3231

 85.7594, 0.2665,
0.3255


 77.5630, 0.2360,
0.3218

 89.5653, 0.2799,
0.3267

 75.7877, 0.2296,
0.3205

 93.9588, 0.2944,
0.3278

 74.4207, 0.2252,
0.3192

 98.9670, 0.3097,
0.3288

■ 73.4079, 0.2225,
0.3180

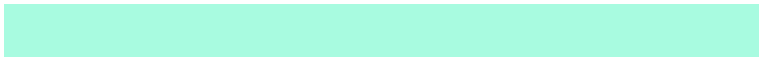
100.0000, 0.3127,
0.3290

■ 72.7825, 0.2214,
0.3170

Harmonies

Analogous

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



82.5103, 0.2784, 0.3590



82.5103, 0.2546, 0.3243



82.5103, 0.2458, 0.2936

Triad

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



82.5103, 0.2546, 0.3243



82.5103, 0.3099, 0.2802



82.5103, 0.3743, 0.3823

Complementary

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



82.5103, 0.2546, 0.3243



45.8978, 0.4203, 0.3335

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.



82.5103, 0.3845, 0.3582



82.5103, 0.2546, 0.3243



82.5103, 0.3462, 0.3010

Square

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



82.5103, 0.2546, 0.3243



82.5103, 0.2763, 0.2706



82.5103, 0.3741, 0.3289



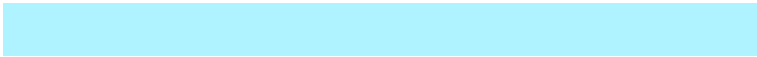
82.5103, 0.3475, 0.3934

Rectangle

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



82.5103, 0.2546, 0.3243



82.5103, 0.2491, 0.2795



82.5103, 0.3741, 0.3289



82.5103, 0.3799, 0.3754

Sweetspot

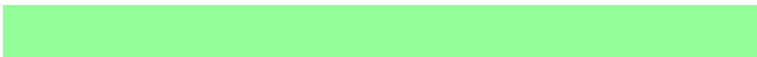
The Sweet Spot groups the original color and five complimentary colors.



82.5120, 0.2546, 0.3243



93.4543, 0.2928, 0.3277



80.0823, 0.3049, 0.4552



19.7875, 0.2895, 0.3275



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.



82.5120, 0.2546, 0.3243



80.2740, 0.2462, 0.3233



53.9103, 0.2441, 0.2608



20.3575, 0.2980, 0.3281



38.0823, 0.2215, 0.3172



3.7430, 0.2218, 0.3186

Inverse Universe

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



49.4381, 0.3209, 0.2290



43.4837, 0.3225, 0.2119



67.1204, 0.3957, 0.3880



18.2879, 0.3144, 0.3065



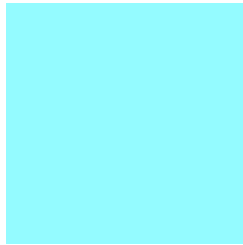
14.5724, 0.3306, 0.1595



1.4224, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 82.5103, 0.2546, 0.3243 looks on a white background.

Color Contrast Check

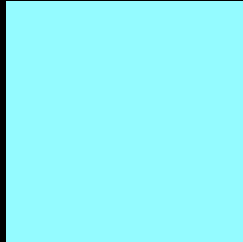
Large Text (above 18pt) WCAG AA × Fail

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 82.5103, 0.2546, 0.3243 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 82.5103, 0.2546, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 82.5103, 0.2546, 0.3243.

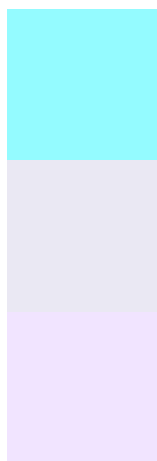


This preview shows how white text looks on a background with the Yxy color 82.5103, 0.2546, 0.3243.

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

82.5103, 0.2546, 0.3243

Protanopia

81.6767, 0.3072, 0.3178

Deuteranopia

81.4076, 0.3046, 0.3021



Tritanopia

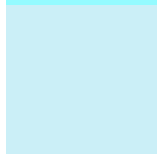
82.2683, 0.2740, 0.3160

Trichromacy



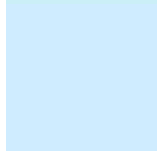
Original Color

82.5103, 0.2546, 0.3243



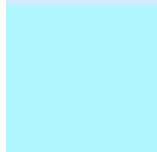
Protanomaly

81.1449, 0.2854, 0.3204



Deuteranomaly

80.4763, 0.2832, 0.3089



Tritanomaly

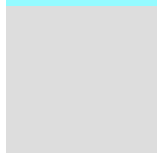
82.2455, 0.2664, 0.3190

Monochromacy



Original Color

82.5103, 0.2546, 0.3243



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.0658, 0.2874, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5103, 0.2546, 0.3243 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(148, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 251, 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(148, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 251, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.5103, 0.2546, 0.3243 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(148, 251, 255) }
```

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

```
.border{ border-color:rgb(148, 251, 255) }
```

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

Here you see how a box with a 4 pixel rgb(148, 251, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 251,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5103, 0.2546, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 251, 255) }
```

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

```
.background{ background-color: rgb(148,  
251, 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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