

Converting Colors

Yxy(82.4645, 0.2694, 0.3711)

Have a look what the booklet for
Yxy(82.4645, 0.2694, 0.3711)
contains.

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Color

Yxy(82.4741, 0.2695, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	8FFFDB
RGB	143, 255, 219
RGB Percent	56%, 100%, 86%
CMY	0.4396, 0.0000, 0.1411
CMYK	0.44, 0.00, 0.14, 0.00
HSL	161°, 100%, 78%
HSV	161°, 44%, 100%
XYZ	59.8620, 82.4741, 79.7864
YIQ	217.4080, -55.1960, -34.9400

Conversions

Conversions Part 2

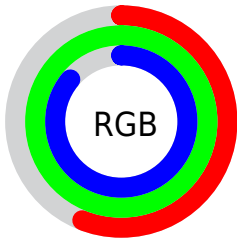
Format	Color
RYB	143, 210, 255
Decimal	9437147
CIELab	92.78, -40.31, 7.25
CIELCh	93, 40.953, 169.806
Yxy	82.4741, 0.2695, 0.3713
Android (android.graphics.Color)	4287627227 (0xFF8FFFDB)
YUV	217.4080, 0.7849, -65.2558
Hunter-Lab	90.8153, -41.2662, 11.4810

Details

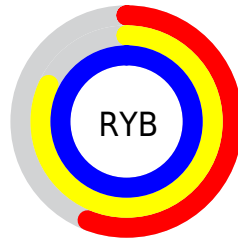
The Yxy color **82.4741, 0.2695, 0.3713** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.1272, 0.3911, 0.2917**, and the grayscale version is **69.6850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **44.9533, 0.2596, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **80.0243, 0.2626, 0.3829**, and if you desaturate by 10%, it is **85.4463, 0.2778, 0.3603**.

Distribution



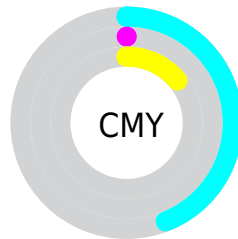
- Red (56%)
- Green (100%)
- Blue (86%)



- Red (56%)
- Yellow (82%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (44%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4741, 0.2695, 0.3713 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 82.4741, 0.2695, 0.3713 by changing the saturation by 10% instead.


 82.4741, 0.2695,
0.3713

 82.4741, 0.2695,
0.3713

503.2322, 0.2892,
0.3516

 61.7564, 0.2651,
0.3758


 136.8387, 0.2763,
0.3645

 44.8359, 0.2596,
0.3814


 171.2543, 0.2790,
0.3618

 31.3282, 0.2527,
0.3885


211.0047, 0.2813,
0.3595

 20.8489, 0.2439,
0.3977

256.4743, 0.2833,
0.3575

 13.0136, 0.2320,
0.4104

308.0474, 0.2850,
0.3558

 7.4379, 0.2152,
0.4287

366.1085, 0.2866,

 3.7374, 0.1899,

0.3543

431.0420, 0.2880,
0.3529

0.4572

1.5278, 0.1235,
0.5223

0.3082, 0.0000,
1.0000

82.4741, 0.2695,
0.3713

82.4741, 0.2695,
0.3713

80.0243, 0.2626,
0.3829

85.4463, 0.2778,
0.3603

78.0848, 0.2575,
0.3951

88.9972, 0.2873,
0.3500

76.6075, 0.2544,
0.4075

93.1487, 0.2975,
0.3406

75.5456, 0.2533,
0.4200

97.9285, 0.3083,
0.3321

■ 74.8422, 0.2542,
0.4323

100.0000, 0.3127,
0.3290

■ 74.5419, 0.2555,
0.4396

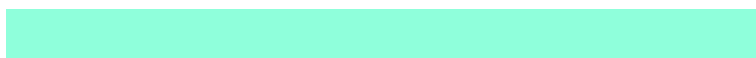
Harmonies

Analogous

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



82.4741, 0.3137, 0.4060



82.4741, 0.2695, 0.3713



82.4741, 0.2383, 0.3243

Triad

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



82.4741, 0.2695, 0.3713



82.4741, 0.2630, 0.2535



82.4741, 0.4074, 0.3636

Complementary

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



82.4741, 0.2695, 0.3713



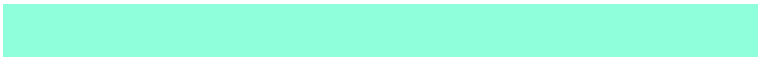
44.1272, 0.3911, 0.2917

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.



82.4741, 0.3925, 0.3258



82.4741, 0.2695, 0.3713



82.4741, 0.3060, 0.2652

Square

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



82.4741, 0.2695, 0.3713



82.4741, 0.2350, 0.2591



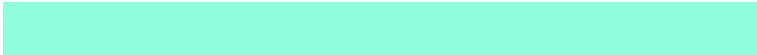
82.4741, 0.3541, 0.2909



82.4741, 0.3946, 0.3965

Rectangle

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



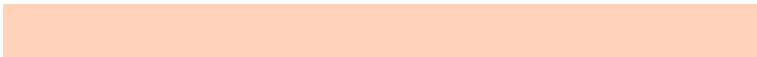
82.4741, 0.2695, 0.3713



82.4741, 0.2280, 0.2955



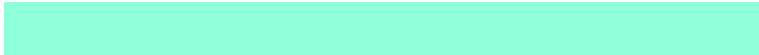
82.4741, 0.3541, 0.2909



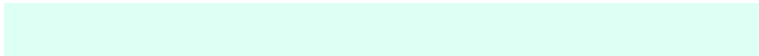
82.4741, 0.4055, 0.3511

Sweetspot

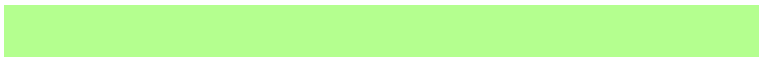
The Sweet Spot groups the original color and five complimentary colors.



82.4662, 0.2695, 0.3713



93.5792, 0.2986, 0.3398



83.2361, 0.3280, 0.4581



19.8195, 0.2962, 0.3418



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

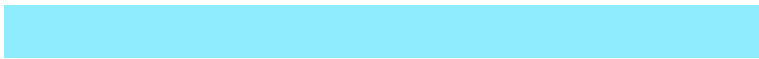
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4662, 0.2695, 0.3713



80.2359, 0.2632, 0.3818



73.2252, 0.2495, 0.3073



20.3764, 0.3023, 0.3367



38.9782, 0.2549, 0.4376



3.8151, 0.2510, 0.4236

Inverse Universe

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



44.1272, 0.3911, 0.2917



37.3100, 0.4167, 0.2849



48.9361, 0.4209, 0.3489



18.0832, 0.3244, 0.3214



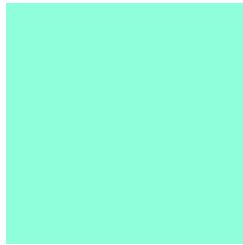
11.4501, 0.5692, 0.2910



1.1338, 0.5373, 0.2734

Previews

White Background



This preview shows how the Yxy color 82.4741, 0.2695, 0.3713 looks on a white background.

Color Contrast Check

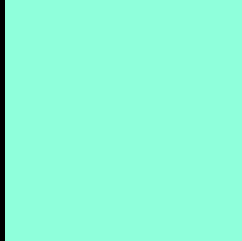
Large Text (above 18pt) WCAG AA × Fail

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 82.4741, 0.2695, 0.3713 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 82.4741, 0.2695, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 82.4741, 0.2695, 0.3713.

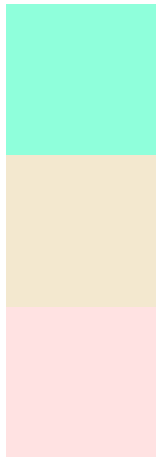


This preview shows how white text looks on a background with the Yxy color 82.4741, 0.2695, 0.3713.

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

82.4741, 0.2695, 0.3713

Protanopia

81.2729, 0.3366, 0.3549

Deuteranopia

81.1437, 0.3332, 0.3291



Tritanopia

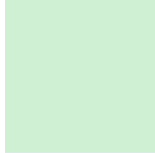
81.8006, 0.2745, 0.3149

Trichromacy



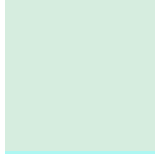
Original Color

82.4741, 0.2695, 0.3713



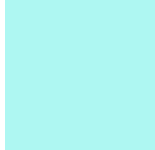
Protanomaly

80.2887, 0.3086, 0.3609



Deuteranomaly

80.1922, 0.3061, 0.3441



Tritanomaly

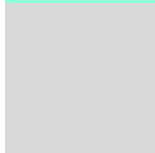
81.9310, 0.2724, 0.3344

Monochromacy



Original Color

82.4741, 0.2695, 0.3713



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

73.1609, 0.2936, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4741, 0.2695, 0.3713 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(143, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 219)  
}
```

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(143, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 82.4741, 0.2695, 0.3713 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(143, 255, 219) }
```

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

```
.border{ border-color:rgb(143, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4741, 0.2695, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 219) }
```

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

```
.background{ background-color: rgb(143,  
255, 219) }
```

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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