

Converting Colors

$Yxy(82.4161, 0.2762, 0.3826)$

Have a look what the booklet for
Yxy(82.4161, 0.2762, 0.3826)
contains.

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Color

Yxy(82.4690, 0.2762, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	94FFD2
RGB	148, 255, 210
RGB Percent	58%, 100%, 82%
CMY	0.4194, 0.0000, 0.1765
CMYK	0.42, 0.00, 0.18, 0.00
HSL	155°, 100%, 79%
HSV	155°, 42%, 100%
XYZ	59.6125, 82.4690, 73.7494
YIQ	217.8770, -49.3270, -36.6790

Conversions

Conversions Part 2

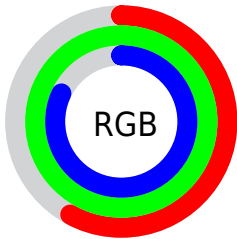
Format	Color
RYB	148, 216, 255
Decimal	9764818
CIELab	92.78, -40.89, 11.91
CIELCh	93, 42.593, 163.760
Yxy	82.4690, 0.2762, 0.3821
Android (android.graphics.Color)	4287954898 (0xFF94FFD2)
YUV	217.8770, -3.8834, -61.2821
Hunter-Lab	90.8124, -41.7481, 15.4189

Details

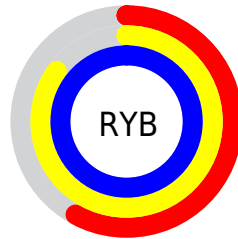
The Yxy color **82.4690, 0.2762, 0.3821** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.3086, 0.3749, 0.2824**, and the grayscale version is **70.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **44.9789, 0.2681, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **79.8326, 0.2700, 0.3976**, and if you desaturate by 10%, it is **85.6718, 0.2837, 0.3676**.

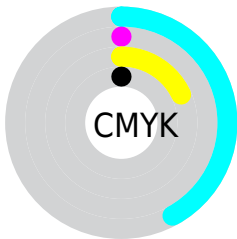
Distribution



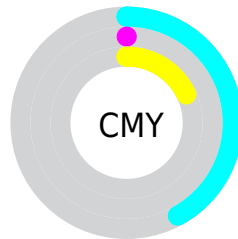
- Red (58%)
- Green (100%)
- Blue (82%)



- Red (58%)
- Yellow (85%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4690, 0.2762, 0.3821 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 82.4690, 0.2762, 0.3821 by changing the saturation by 10% instead.

 82.4690, 0.2762,
0.3821

 82.4690, 0.2762,
0.3821


503.2151, 0.2931,
0.3571

 61.7522, 0.2723,
0.3879


 136.8315, 0.2821,
0.3734

 44.8325, 0.2675,
0.3951


 171.2460, 0.2844,
0.3700

 31.3255, 0.2615,
0.4043


210.9952, 0.2863,
0.3671

 20.8468, 0.2536,
0.4164

256.4634, 0.2880,
0.3646

 13.0121, 0.2428,
0.4331

308.0352, 0.2896,
0.3624

 7.4369, 0.2273,
0.4576

366.0947, 0.2909,

 3.7368, 0.2034,

0.3604

431.0266, 0.2921,
0.3587

0.4965

1.5274, 0.1343,
0.5916

0.3079, 0.0000,
1.0000

82.4690, 0.2762,
0.3821

82.4690, 0.2762,
0.3821

79.8326, 0.2700,
0.3976

85.6718, 0.2837,
0.3676

77.7169, 0.2653,
0.4138

89.4631, 0.2922,
0.3542

76.0858, 0.2626,
0.4304

93.8761, 0.3014,
0.3420

74.8936, 0.2619,
0.4471

98.9384, 0.3109,
0.3310

■ 74.0853, 0.2633,
0.4634

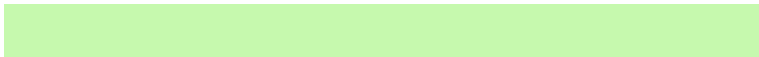
99.9981, 0.3127,
0.3290

■ 73.6471, 0.2656,
0.4761

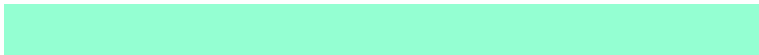
Harmonies

Analogous

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



82.4690, 0.3235, 0.4135



82.4690, 0.2762, 0.3821



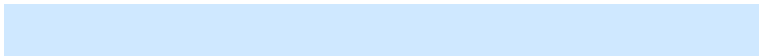
82.4690, 0.2405, 0.3338

Triad

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



82.4690, 0.2762, 0.3821



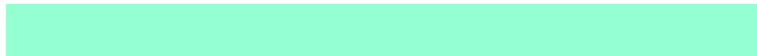
82.4690, 0.2538, 0.2504



82.4690, 0.4104, 0.3569

Complementary

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



82.4690, 0.2762, 0.3821



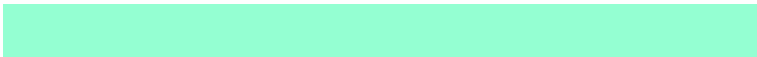
46.3086, 0.3749, 0.2824

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.



82.4690, 0.3893, 0.3178



82.4690, 0.2762, 0.3821



82.4690, 0.2957, 0.2592

Square

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



82.4690, 0.2762, 0.3821



82.4690, 0.2287, 0.2599



82.4690, 0.3459, 0.2832



82.4690, 0.4026, 0.3929

Rectangle

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



82.4690, 0.2762, 0.3821



82.4690, 0.2271, 0.3025



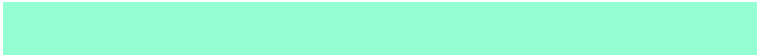
82.4690, 0.3459, 0.2832



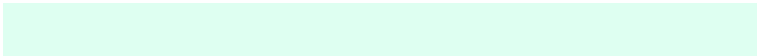
82.4690, 0.4065, 0.3438

Sweetspot

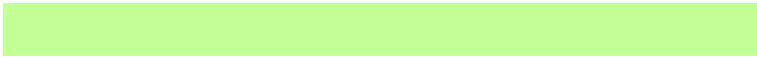
The Sweet Spot groups the original color and five complimentary colors.



82.4723, 0.2762, 0.3821



93.3799, 0.3004, 0.3432



85.1798, 0.3344, 0.4488



19.7701, 0.2983, 0.3458



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.



82.4723, 0.2762, 0.3821



80.3044, 0.2711, 0.3945



80.5741, 0.2540, 0.3208



20.3446, 0.3036, 0.3392



38.5137, 0.2649, 0.4735



3.7718, 0.2598, 0.4554

Inverse Universe

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



46.3086, 0.3749, 0.2824



39.9103, 0.3931, 0.2740



46.9031, 0.4189, 0.3368



18.1139, 0.3228, 0.3190



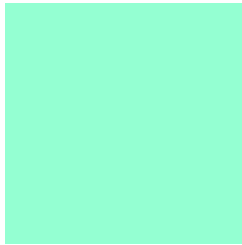
11.6949, 0.5299, 0.2693



1.1599, 0.5005, 0.2531

Previews

White Background



This preview shows how the Yxy color 82.4690, 0.2762, 0.3821 looks on a white background.

Color Contrast Check

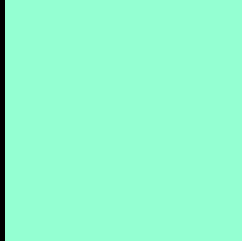
Large Text (above 18pt) WCAG AA × Fail

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 82.4690, 0.2762, 0.3821 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 82.4690, 0.2762, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 82.4690, 0.2762, 0.3821.

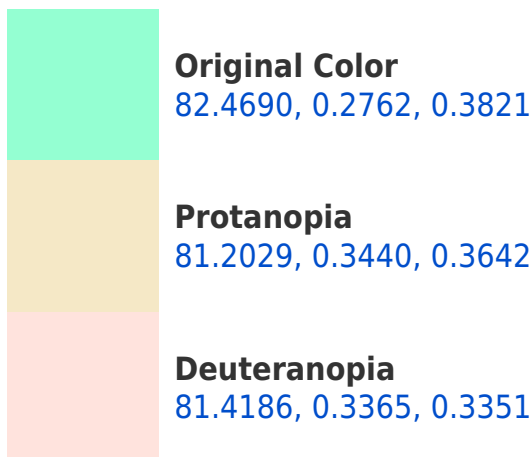


This preview shows how white text looks on a background with the Yxy color 82.4690, 0.2762, 0.3821.

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

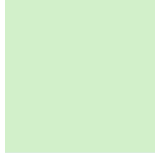
81.9307, 0.2750, 0.3150

Trichromacy



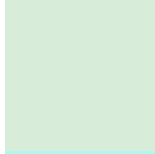
Original Color

82.4690, 0.2762, 0.3821



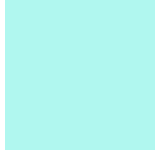
Protanomaly

80.2861, 0.3160, 0.3709



Deuteranomaly

80.1771, 0.3110, 0.3506



Tritanomaly

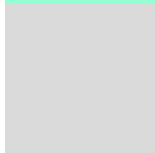
81.9836, 0.2750, 0.3378

Monochromacy



Original Color

82.4690, 0.2762, 0.3821



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.3956, 0.2973, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4690, 0.2762, 0.3821 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, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 210)  
}
```

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, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 82.4690, 0.2762, 0.3821 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, 255, 210) }
```

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

```
.border{ border-color:rgb(148, 255, 210) }
```

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

Here you see how a box with a 4 pixel rgb(148, 255, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4690, 0.2762, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 210) }
```

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

```
.background{ background-color: rgb(148,  
255, 210) }
```

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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