

Converting Colors

$Yxy(82.4793, 0.2681, 0.3688)$

Have a look what the booklet for
Yxy(82.4793, 0.2681, 0.3688)
contains.

Yxy(82.4912, 0.2682, 0.3689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.4912, 0.2682, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	8EFFDD
RGB	142, 255, 221
RGB Percent	56%, 100%, 87%
CMY	0.4428, 0.0000, 0.1334
CMYK	0.44, 0.00, 0.13, 0.00
HSL	162°, 100%, 78%
HSV	162°, 44%, 100%
XYZ	59.9733, 82.4912, 81.1495
YIQ	217.3370, -56.4340, -34.5300

Conversions

Conversions Part 2

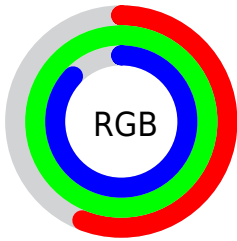
Format	Color
RYB	142, 209, 255
Decimal	9371613
CIELab	92.79, -40.07, 6.24
CIELCh	93, 40.556, 171.149
Yxy	82.4912, 0.2682, 0.3689
Android (android.graphics.Color)	4287561693 (0xFF8EFFDD)
YUV	217.3370, 1.8059, -66.0705
Hunter-Lab	90.8247, -41.0762, 10.6032

Details

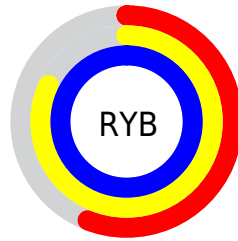
The Yxy color **82.4912, 0.2682, 0.3689** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.7674, 0.3944, 0.2937**, and the grayscale version is **69.6605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **44.9803, 0.2580, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **80.0894, 0.2612, 0.3798**, and if you desaturate by 10%, it is **85.4343, 0.2767, 0.3586**.

Distribution



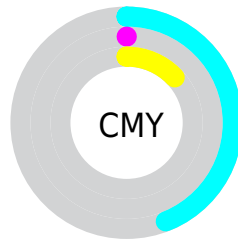
- Red (56%)
- Green (100%)
- Blue (87%)



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



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4912, 0.2682, 0.3689 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 82.4912, 0.2682, 0.3689 by changing the saturation by 10% instead.

 82.4912, 0.2682,
0.3689


 82.4912, 0.2682,
0.3689

503.2893, 0.2885,
0.3504

 61.7705, 0.2636,
0.3731

 136.8626, 0.2752,
0.3625

 44.8473, 0.2581,
0.3783

 171.2821, 0.2779,
0.3600

 31.3372, 0.2510,
0.3850

211.0367, 0.2803,
0.3578

 20.8557, 0.2420,
0.3936

256.5107, 0.2823,
0.3560

 13.0186, 0.2299,
0.4054

308.0886, 0.2841,
0.3543

 7.4413, 0.2129,
0.4223

366.1547, 0.2858,

 3.7396, 0.1874,

0.3529

0.4486

431.0935, 0.2872,
0.3516

■ 1.5290, 0.1222,
0.5081

■ 0.3090, 0.0000,
1.0000

■ 82.4912, 0.2682,
0.3689

■ 82.4912, 0.2682,
0.3689

■ 80.0894, 0.2612,
0.3798

■ 85.4343, 0.2767,
0.3586

■ 78.1831, 0.2560,
0.3911

■ 88.9413, 0.2863,
0.3490

■ 76.7351, 0.2527,
0.4027

■ 93.0454, 0.2968,
0.3402

■ 75.6987, 0.2515,
0.4143

■ 97.7743, 0.3079,
0.3322

■ 75.0163, 0.2523,
0.4258

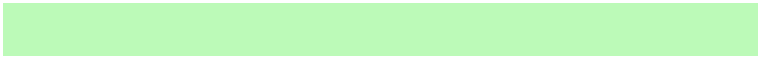
99.9976, 0.3127,
0.3290

■ 74.7387, 0.2534,
0.4323

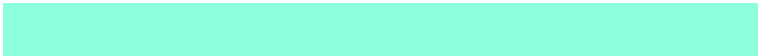
Harmonies

Analogous

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



82.4912, 0.3116, 0.4042



82.4912, 0.2682, 0.3689



82.4912, 0.2380, 0.3223

Triad

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



82.4912, 0.2682, 0.3689



82.4912, 0.2651, 0.2544



82.4912, 0.4065, 0.3650

Complementary

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



82.4912, 0.2682, 0.3689



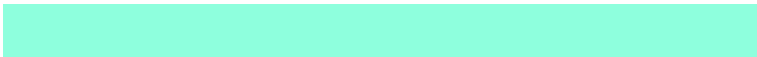
43.7674, 0.3944, 0.2937

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.



82.4912, 0.3929, 0.3276



82.4912, 0.2682, 0.3689



82.4912, 0.3082, 0.2666

Square

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



82.4912, 0.2682, 0.3689



82.4912, 0.2366, 0.2591



82.4912, 0.3558, 0.2927



82.4912, 0.3927, 0.3971

Rectangle

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



82.4912, 0.2682, 0.3689



82.4912, 0.2285, 0.2942



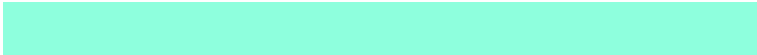
82.4912, 0.3558, 0.2927



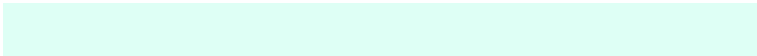
82.4912, 0.4050, 0.3527

Sweetspot

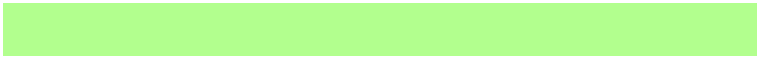
The Sweet Spot groups the original color and five complimentary colors.



82.4945, 0.2682, 0.3689



93.6192, 0.2982, 0.3391



82.9186, 0.3269, 0.4596



19.8294, 0.2958, 0.3410



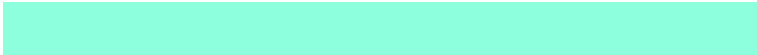
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.4945, 0.2682, 0.3689



80.3717, 0.2620, 0.3784



71.9912, 0.2487, 0.3049



20.3827, 0.3020, 0.3363



39.0816, 0.2529, 0.4304



3.8246, 0.2493, 0.4174

Inverse Universe

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



43.7674, 0.3944, 0.2937



37.2149, 0.4199, 0.2876



49.3312, 0.4211, 0.3510



18.0772, 0.3247, 0.3219



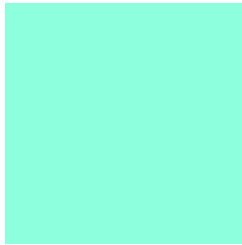
11.4105, 0.5764, 0.2949



1.1294, 0.5444, 0.2773

Previews

White Background



This preview shows how the Yxy color 82.4912, 0.2682, 0.3689 looks on a white background.

Color Contrast Check

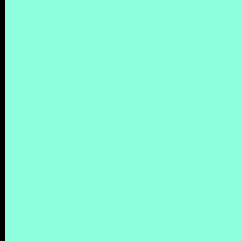
Large Text (above 18pt) WCAG AA × Fail

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 82.4912, 0.2682, 0.3689 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

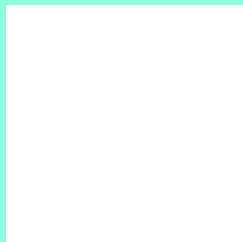
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4912, 0.2682, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 82.4912, 0.2682, 0.3689.

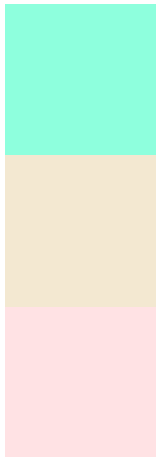


This preview shows how white text looks on a background with the Yxy color 82.4912, 0.2682, 0.3689.

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

82.4912, 0.2682, 0.3689

Protanopia

81.3714, 0.3353, 0.3528

Deuteranopia

81.2541, 0.3318, 0.3271



Tritanopia

81.6714, 0.2739, 0.3149

Trichromacy



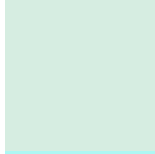
Original Color

82.4912, 0.2682, 0.3689



Protanomaly

80.2461, 0.3068, 0.3587



Deuteranomaly

80.3008, 0.3049, 0.3419



Tritanomaly

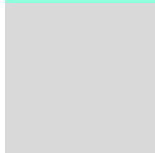
81.8768, 0.2714, 0.3333

Monochromacy



Original Color

82.4912, 0.2682, 0.3689



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 82.4912, 0.2682, 0.3689 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(142, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 221)  
}
```

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(142, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 221) }
```

Border

The CSS property to change the border of an element to Yxy 82.4912, 0.2682, 0.3689 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(142, 255, 221) }
```

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

```
.border{ border-color:rgb(142, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4912, 0.2682, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 221) }
```

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

```
.background{ background-color: rgb(142,  
255, 221) }
```

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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