

Converting Colors

$Yxy(81.9239, 0.2734, 0.3825)$

Have a look what the booklet for
Yxy(81.9239, 0.2734, 0.3825)
contains.

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Color

Yxy(81.9239, 0.2734, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	8EFFD2
RGB	142, 255, 210
RGB Percent	56%, 100%, 82%
CMY	0.4429, 0.0000, 0.1765
CMYK	0.44, 0.00, 0.18, 0.00
HSL	156°, 100%, 78%
HSV	156°, 44%, 100%
XYZ	58.5568, 81.9239, 73.6994
YIQ	216.0830, -52.9030, -37.9510

Conversions

Conversions Part 2

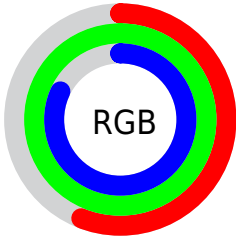
Format	Color
RYB	142, 213, 255
Decimal	9371602
CIELab	92.54, -42.40, 11.54
CIELCh	93, 43.941, 164.778
Yxy	81.9239, 0.2734, 0.3825
Android (android.graphics.Color)	4287561682 (0xFF8EFFD2)
YUV	216.0830, -2.9989, -64.9708
Hunter-Lab	90.5118, -42.9147, 15.0813

Details

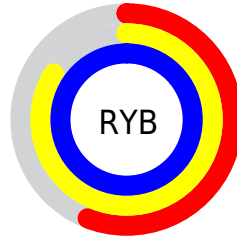
The Yxy color **81.9239, 0.2734, 0.3825** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.2169, 0.3826, 0.2825**, and the grayscale version is **68.7895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **44.6275, 0.2636, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **79.4319, 0.2673, 0.3973**, and if you desaturate by 10%, it is **84.9706, 0.2809, 0.3686**.

Distribution



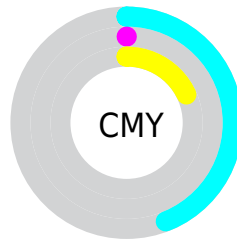
- Red (56%)
- Green (100%)
- Blue (82%)



- Red (56%)
- Yellow (84%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9239, 0.2734, 0.3825 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 81.9239, 0.2734, 0.3825 by changing the saturation by 10% instead.


 81.9239, 0.2734,
0.3825


 81.9239, 0.2734,
0.3825


501.3931, 0.2916,
0.3573

 61.3028, 0.2692,
0.3883

 136.0673, 0.2797,
0.3737

 44.4696, 0.2641,
0.3956


 170.3584, 0.2822,
0.3703

 31.0399, 0.2576,
0.4049


209.9749, 0.2843,
0.3674

 20.6292, 0.2491,
0.4172

255.3013, 0.2861,
0.3648

 12.8532, 0.2376,
0.4341

306.7219, 0.2878,
0.3626

 7.3276, 0.2211,
0.4588


364.6211, 0.2892,


 3.6678, 0.1956,


0.3606


0.4982


429.3834, 0.2905,
0.3589


 1.4895, 0.1148,
0.6008


 0.2813, 0.0000,
1.0000


 81.9239, 0.2734,
0.3825


 81.9239, 0.2734,
0.3825

 79.4319, 0.2673,
0.3973

 84.9706, 0.2809,
0.3686

 77.4485, 0.2629,
0.4127

 88.5948, 0.2894,
0.3557

 75.9362, 0.2605,
0.4284

 92.8302, 0.2987,
0.3439

 74.8477, 0.2601,
0.4441

 97.7048, 0.3085,
0.3332

■ 74.1251, 0.2617,
0.4595

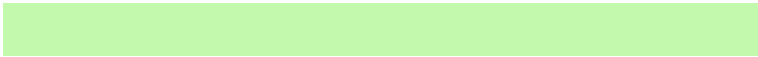
99.9969, 0.3127,
0.3290

■ 73.8299, 0.2633,
0.4680

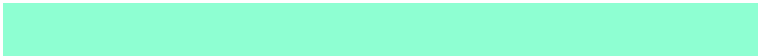
Harmonies

Analogous

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



81.9239, 0.3220, 0.4159



81.9239, 0.2734, 0.3825



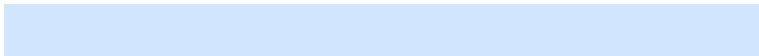
81.9239, 0.2373, 0.3321

Triad

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



81.9239, 0.2734, 0.3825



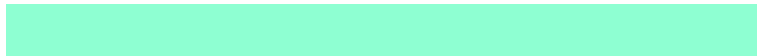
81.9239, 0.2531, 0.2480



81.9239, 0.4140, 0.3589

Complementary

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



81.9239, 0.2734, 0.3825



44.2169, 0.3826, 0.2825

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.



81.9239, 0.3931, 0.3186



81.9239, 0.2734, 0.3825



81.9239, 0.2968, 0.2577

Square

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



81.9239, 0.2734, 0.3825



81.9239, 0.2266, 0.2570



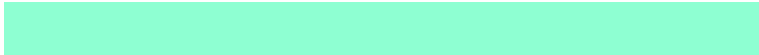
81.9239, 0.3487, 0.2828



81.9239, 0.4048, 0.3958

Rectangle

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



81.9239, 0.2734, 0.3825



81.9239, 0.2240, 0.2999



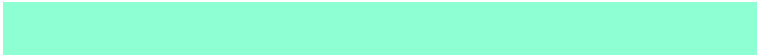
81.9239, 0.3487, 0.2828



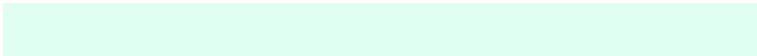
81.9239, 0.4103, 0.3454

Sweetspot

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



81.9272, 0.2734, 0.3825



93.4242, 0.3000, 0.3424



84.0672, 0.3328, 0.4572



19.7811, 0.2978, 0.3449



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.



81.9272, 0.2734, 0.3825



79.7265, 0.2680, 0.3953



77.4994, 0.2506, 0.3159



20.3517, 0.3033, 0.3386



38.6097, 0.2627, 0.4656



3.7809, 0.2579, 0.4483

Inverse Universe

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



44.2169, 0.3826, 0.2825



37.7011, 0.4040, 0.2742



46.1159, 0.4259, 0.3411



18.1070, 0.3231, 0.3196



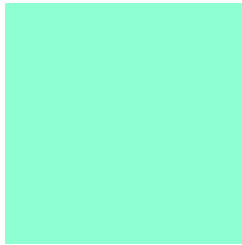
11.6334, 0.5391, 0.2743



1.1536, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 81.9239, 0.2734, 0.3825 looks on a white background.

Color Contrast Check

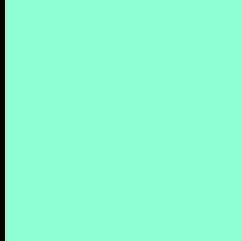
Large Text (above 18pt) WCAG AA × Fail

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 81.9239, 0.2734, 0.3825 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 81.9239, 0.2734, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 81.9239, 0.2734, 0.3825.

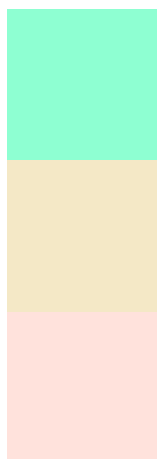


This preview shows how white text looks on a background with the Yxy color 81.9239, 0.2734, 0.3825.

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

81.9239, 0.2734, 0.3825

Protanopia

81.0235, 0.3433, 0.3643

Deuteranopia

80.8200, 0.3373, 0.3351



Tritanopia

81.5431, 0.2734, 0.3149

Trichromacy



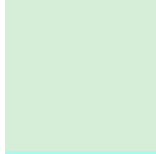
Original Color

81.9239, 0.2734, 0.3825



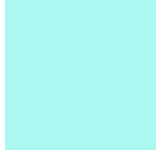
Protanomaly

79.8498, 0.3140, 0.3712



Deuteranomaly

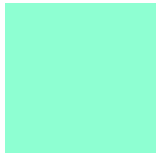
79.8224, 0.3103, 0.3518



Tritanomaly

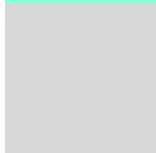
81.5242, 0.2729, 0.3378

Monochromacy



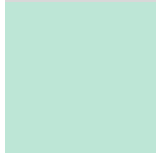
Original Color

81.9239, 0.2734, 0.3825



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.2675, 0.2953, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9239, 0.2734, 0.3825 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 81.9239, 0.2734, 0.3825 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, 210) }
```

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

```
.border{ border-color:rgb(142, 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(142, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9239, 0.2734, 0.3825 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, 210) }
```

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

```
.background{ background-color: rgb(142,  
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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