

Converting Colors

Yxy(108.2724, 0.2748, 0.4142)

Have a look what the booklet for
Yxy(108.2724, 0.2748, 0.4142)
contains.

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Color

Yxy(81.9153, 0.2696, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	8BFFD7
RGB	139, 255, 215
RGB Percent	55%, 100%, 84%
CMY	0.4553, 0.0000, 0.1569
CMYK	0.46, 0.00, 0.16, 0.00
HSL	159°, 100%, 77%
HSV	159°, 46%, 100%
XYZ	58.6570, 81.9153, 76.9982
YIQ	215.7560, -56.2960, -37.0320

Conversions

Conversions Part 2

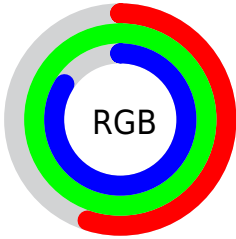
Format	Color
R_{YB}	139, 209, 255
Decimal	9174999
CIE _{Lab}	92.54, -42.14, 8.95
CIE _{LCh}	93, 43.080, 168.011
Yxy	81.9153, 0.2696, 0.3765
Android (android.graphics.Color)	4287365079 (0xFF8BFFD7)
YUV	215.7560, -0.3727, -67.3150
Hunter-Lab	90.5071, -42.7028, 12.9144

Details

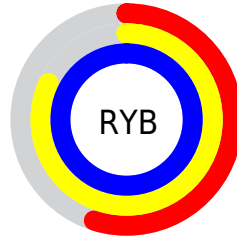
The Yxy color **81.9153, 0.2696, 0.3765** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.9431, 0.3923, 0.2876**, and the grayscale version is **68.4998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **44.6317, 0.2600, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **79.5222, 0.2632, 0.3892**, and if you desaturate by 10%, it is **84.8232, 0.2775, 0.3645**.

Distribution



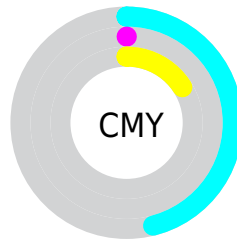
- Red (55%)
- Green (100%)
- Blue (84%)



- Red (55%)
- Yellow (82%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.9153, 0.2696, 0.3765 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 81.9153, 0.2696, 0.3765 by changing the saturation by 10% instead.


 81.9153, 0.2696,
0.3765

 81.9153, 0.2696,
0.3765


501.3643, 0.2894,
0.3543

 61.2957, 0.2651,
0.3816


 136.0552, 0.2764,
0.3688

 44.4639, 0.2596,
0.3880


 170.3443, 0.2791,
0.3658

 31.0353, 0.2526,
0.3961

209.9588, 0.2814,
0.3632

 20.6258, 0.2436,
0.4067

255.2829, 0.2834,
0.3609

 12.8507, 0.2315,
0.4213

306.7011, 0.2852,
0.3590

 7.3258, 0.2142,
0.4426


364.5979, 0.2868,


 3.6667, 0.1881,


0.3572


0.4761


429.3575, 0.2882,
0.3557


 1.4889, 0.1090,
0.5587


 0.2809, 0.0000,
1.0000


 81.9153, 0.2696,
0.3765


 81.9153, 0.2696,
0.3765


 79.5222, 0.2632,
0.3892


 84.8232, 0.2775,
0.3645


 77.6392, 0.2586,
0.4024

 88.3107, 0.2865,
0.3533

 76.2144, 0.2560,
0.4158

 92.3974, 0.2964,
0.3430

 75.1997, 0.2554,
0.4293

 97.1115, 0.3068,
0.3337

■ 74.5358, 0.2568,
0.4425

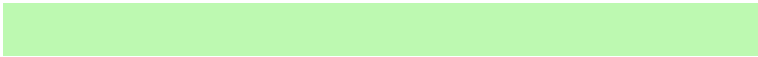
100.0000, 0.3127,
0.3290

■ 74.3145, 0.2579,
0.4483

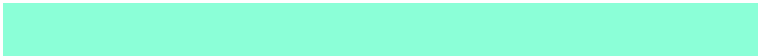
Harmonies

Analogous

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



81.9153, 0.3165, 0.4119



81.9153, 0.2696, 0.3765



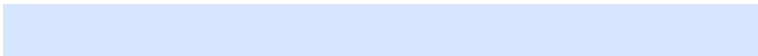
81.9153, 0.2359, 0.3268

Triad

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



81.9153, 0.2696, 0.3765



81.9153, 0.2581, 0.2496



81.9153, 0.4124, 0.3627

Complementary

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



81.9153, 0.2696, 0.3765



42.9431, 0.3923, 0.2876

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.



81.9153, 0.3950, 0.3231



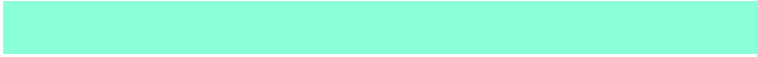
81.9153, 0.2696, 0.3765



81.9153, 0.3025, 0.2609

Square

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



81.9153, 0.2696, 0.3765



81.9153, 0.2300, 0.2564



81.9153, 0.3534, 0.2870



81.9153, 0.4004, 0.3980

Rectangle

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



81.9153, 0.2696, 0.3765



81.9153, 0.2244, 0.2960



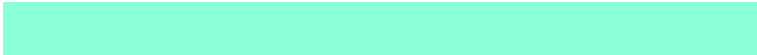
81.9153, 0.3534, 0.2870



81.9153, 0.4099, 0.3495

Sweetspot

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



81.9047, 0.2696, 0.3765



93.0794, 0.2979, 0.3416



83.0273, 0.3295, 0.4627



19.7185, 0.2957, 0.3437



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

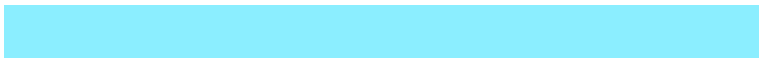
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9047, 0.2696, 0.3765



79.6366, 0.2635, 0.3885



73.6057, 0.2480, 0.3087



20.3689, 0.3026, 0.3373



38.8602, 0.2573, 0.4461



3.8043, 0.2531, 0.4311

Inverse Universe

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



42.9431, 0.3923, 0.2876



36.1118, 0.4187, 0.2802



46.9997, 0.4276, 0.3475



18.0904, 0.3240, 0.3208



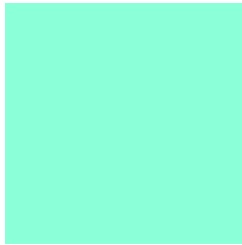
11.5011, 0.5604, 0.2861



1.1394, 0.5288, 0.2687

Previews

White Background



This preview shows how the Yxy color 81.9153, 0.2696, 0.3765 looks on a white background.

Color Contrast Check

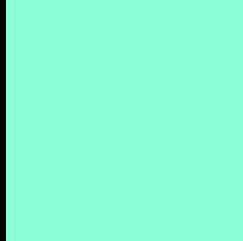
Large Text (above 18pt) WCAG AA × Fail

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 81.9153, 0.2696, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

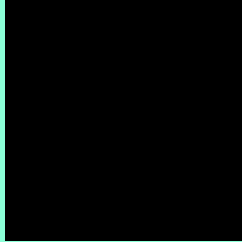
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9153, 0.2696, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 81.9153, 0.2696, 0.3765.

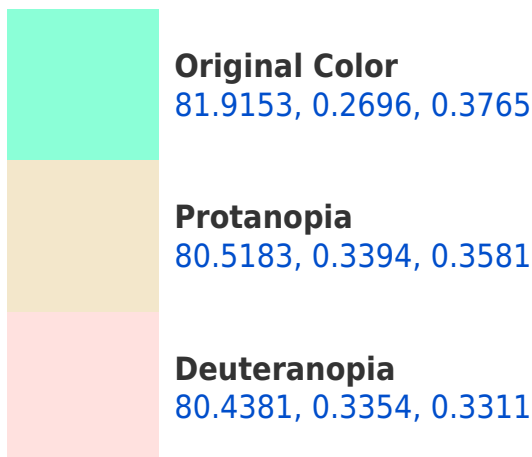


This preview shows how white text looks on a background with the Yxy color 81.9153, 0.2696, 0.3765.

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

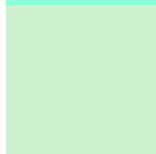
81.4156, 0.2728, 0.3149

Trichromacy



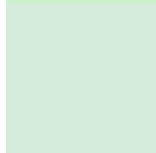
Original Color

81.9153, 0.2696, 0.3765



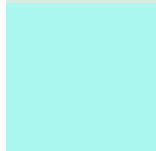
Protanomaly

79.8043, 0.3097, 0.3656



Deuteranomaly

79.3043, 0.3073, 0.3464



Tritanomaly

81.3588, 0.2714, 0.3367

Monochromacy



Original Color

81.9153, 0.2696, 0.3765



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.2429, 0.2934, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9153, 0.2696, 0.3765 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(139, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(139, 255, 215)  
}
```

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(139, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 255, 215) }
```

Border

The CSS property to change the border of an element to Yxy 81.9153, 0.2696, 0.3765 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(139, 255, 215) }
```

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

```
.border{ border-color:rgb(139, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(139, 255,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9153, 0.2696, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 255, 215) }
```

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

```
.background{ background-color: rgb(139,  
255, 215) }
```

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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