

Converting Colors

$Yxy(81.9109, 0.2772, 0.3733)$

Have a look what the booklet for
Yxy(81.9109, 0.2772, 0.3733)
contains.

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Color

Yxy(82.1254, 0.2769, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	9BFDD7
RGB	155, 253, 215
RGB Percent	61%, 99%, 84%
CMY	0.3923, 0.0078, 0.1570
CMYK	0.39, 0.00, 0.15, 0.01
HSL	157°, 96%, 80%
HSV	157°, 39%, 99%
XYZ	60.9012, 82.1254, 76.9128
YIQ	219.3660, -46.2100, -32.5940

Conversions

Conversions Part 2

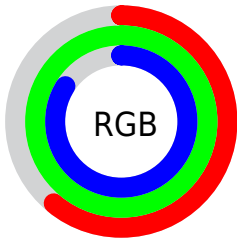
Format	Color
RYB	155, 216, 253
Decimal	10223063
CIELab	92.63, -37.18, 9.17
CIELCh	93, 38.294, 166.138
Yxy	82.1254, 0.2769, 0.3734
Android (android.graphics.Color)	4288413143 (0xFF9BFDD7)
YUV	219.3660, -2.1524, -56.4490
Hunter-Lab	90.6231, -38.6334, 13.1160

Details

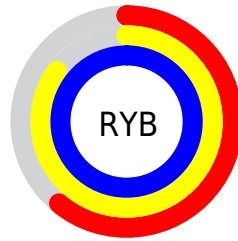
The Yxy color **82.1254, 0.2769, 0.3734** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.1688, 0.3715, 0.2893**, and the grayscale version is **71.1412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **44.6706, 0.2689, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **79.3932, 0.2699, 0.3873**, and if you desaturate by 10%, it is **85.4189, 0.2851, 0.3604**.

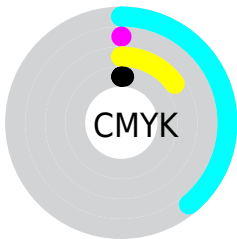
Distribution



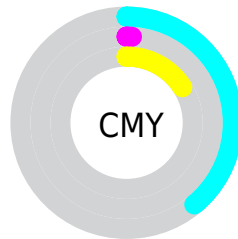
- Red (61%)
- Green (99%)
- Blue (84%)



- Red (61%)
- Yellow (85%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)




- Cyan (39%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1254, 0.2769, 0.3734 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 82.1254, 0.2769, 0.3734 by changing the saturation by 10% instead.

 82.1254, 0.2769,
0.3734


 82.1254, 0.2769,
0.3734

502.0671, 0.2934,
0.3527

 61.4689, 0.2732,
0.3782


 136.3498, 0.2826,
0.3662

 44.6037, 0.2685,
0.3841


 170.6866, 0.2848,
0.3634

 31.1454, 0.2627,
0.3917


210.3522, 0.2867,
0.3610

 20.7096, 0.2551,
0.4016

255.7310, 0.2884,
0.3589

 12.9119, 0.2449,
0.4153

307.2076, 0.2899,
0.3570

 7.3679, 0.2302,
0.4351


365.1662, 0.2912,


 3.6932, 0.2078,

0.3554


0.4666


429.9912, 0.2924,
0.3540


 1.5035, 0.1502,
0.5358


 0.2912, 0.0000,
1.0000


 82.1254, 0.2769,
0.3734


 82.1254, 0.2769,
0.3734


 79.3932, 0.2699,
0.3873


 85.4189, 0.2851,
0.3604


 77.1788, 0.2644,
0.4020

 89.2944, 0.2942,
0.3485

 75.4482, 0.2608,
0.4171

 93.7836, 0.3040,
0.3376

 74.1589, 0.2592,
0.4324

 98.6891, 0.3132,
0.3278

■ 73.2607, 0.2596,
0.4476

98.7380, 0.3128,
0.3271

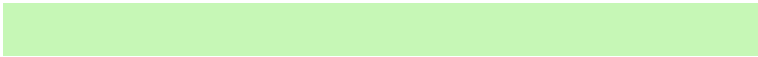
■ 72.6813, 0.2619,
0.4623

■ 72.6194, 0.2623,
0.4642

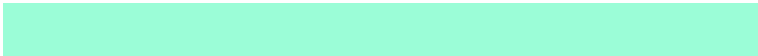
Harmonies

Analogous

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



82.1254, 0.3193, 0.4031



82.1254, 0.2769, 0.3734



82.1254, 0.2455, 0.3302

Triad

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



82.1254, 0.2769, 0.3734



82.1254, 0.2620, 0.2576



82.1254, 0.4010, 0.3576

Complementary

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



82.1254, 0.2769, 0.3734



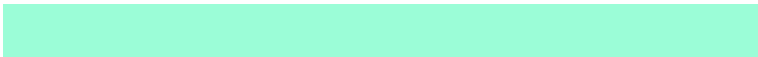
48.1688, 0.3715, 0.2893

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.



82.1254, 0.3839, 0.3219



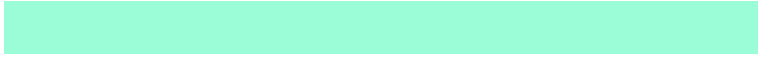
82.1254, 0.2769, 0.3734



82.1254, 0.3011, 0.2667

Square

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



82.1254, 0.2769, 0.3734



82.1254, 0.2376, 0.2652



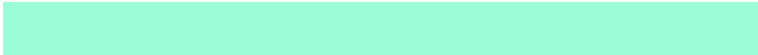
82.1254, 0.3463, 0.2897



82.1254, 0.3923, 0.3894

Rectangle

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



82.1254, 0.2769, 0.3734



82.1254, 0.2342, 0.3024



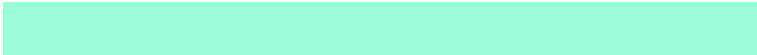
82.1254, 0.3463, 0.2897



82.1254, 0.3982, 0.3458

Sweetspot

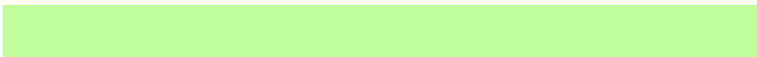
The Sweet Spot groups the original color and five complimentary colors.



82.1287, 0.2769, 0.3734



93.9101, 0.3007, 0.3410



84.1178, 0.3310, 0.4396



19.9709, 0.2995, 0.3424



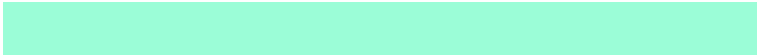
0.0000, 0.0000, 0.0000



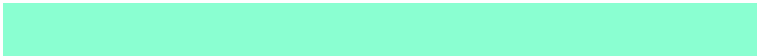
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1287, 0.2769, 0.3734



81.5254, 0.2717, 0.3834



78.2840, 0.2572, 0.3178



20.3550, 0.3032, 0.3384



38.6562, 0.2616, 0.4618



3.7852, 0.2569, 0.4449

Inverse Universe

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



48.1688, 0.3715, 0.2893



42.7787, 0.3880, 0.2820



50.0799, 0.4059, 0.3397



18.1038, 0.3233, 0.3198



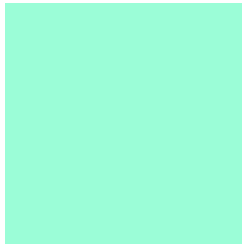
11.6060, 0.5433, 0.2767



1.1507, 0.5127, 0.2598

Previews

White Background



This preview shows how the Yxy color 82.1254, 0.2769, 0.3734 looks on a white background.

Color Contrast Check

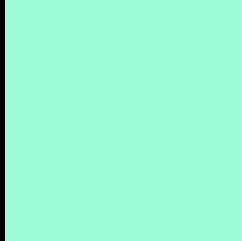
Large Text (above 18pt) WCAG AA × Fail

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 82.1254, 0.2769, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

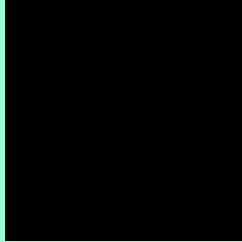
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1254, 0.2769, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 82.1254, 0.2769, 0.3734.

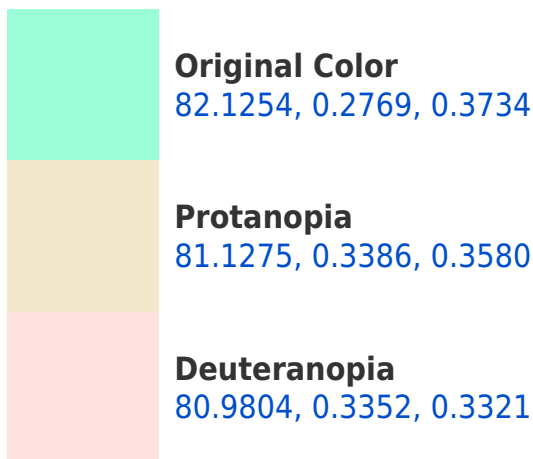


This preview shows how white text looks on a background with the Yxy color 82.1254, 0.2769, 0.3734.

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

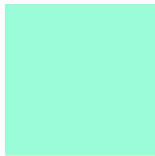




Tritanopia

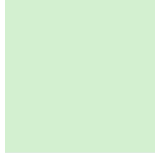
81.3371, 0.2749, 0.3139

Trichromacy



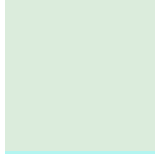
Original Color

82.1254, 0.2769, 0.3734



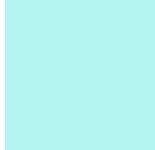
Protanomaly

80.7231, 0.3130, 0.3641



Deuteranomaly

80.2183, 0.3112, 0.3462



Tritanomaly

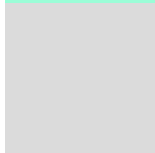
81.1798, 0.2759, 0.3344

Monochromacy



Original Color

82.1254, 0.2769, 0.3734



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.9495, 0.2974, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1254, 0.2769, 0.3734 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(155, 253, 215)` looks like.

```
.text, #text, p{  
    color:rgb(155, 253, 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(155, 253, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 253, 215) }
```

Border

The CSS property to change the border of an element to Yxy 82.1254, 0.2769, 0.3734 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(155, 253, 215) }
```

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

```
.border{ border-color:rgb(155, 253, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 253, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 253, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 253, 215); box-shadow:4px 4px 4px 4px rgb(155, 253, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1254, 0.2769, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 253, 215) }
```

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

```
.background{ background-color: rgb(155,  
253, 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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