

Converting Colors

$Y_{xy}(82.4960, 0.2750, 0.3732)$

Have a look what the booklet for
Yxy(82.4960, 0.2750, 0.3732)
contains.

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Color

Yxy(82.5169, 0.2751, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	98FED8
RGB	152, 254, 216
RGB Percent	60%, 100%, 85%
CMY	0.4036, 0.0039, 0.1530
CMYK	0.40, 0.00, 0.15, 0.00
HSL	158°, 98%, 80%
HSV	158°, 40%, 100%
XYZ	60.7938, 82.5169, 77.6773
YIQ	219.1700, -48.5940, -33.4420

Conversions

Conversions Part 2

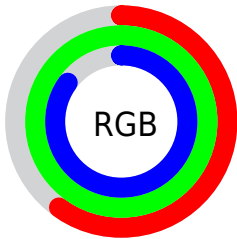
Format	Color
RYB	152, 215, 254
Decimal	10026712
CIELab	92.80, -38.18, 8.88
CIELCh	93, 39.195, 166.900
Yxy	82.5169, 0.2751, 0.3734
Android (android.graphics.Color)	4288216792 (0xFF98FED8)
YUV	219.1700, -1.5628, -58.9081
Hunter-Lab	90.8388, -39.5070, 12.8876

Details

The Yxy color **82.5169, 0.2751, 0.3734** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.2726, 0.3760, 0.2894**, and the grayscale version is **71.0115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **44.9386, 0.2664, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **79.8488, 0.2681, 0.3868**, and if you desaturate by 10%, it is **85.7447, 0.2833, 0.3608**.

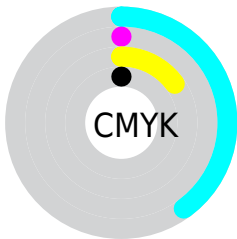
Distribution



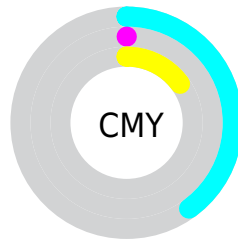
- Red (60%)
- Green (100%)
- Blue (85%)



- Red (60%)
- Yellow (84%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5169, 0.2751, 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 82.5169, 0.2751, 0.3734 by changing the saturation by 10% instead.

 82.5169, 0.2751,
0.3734

 82.5169, 0.2751,
0.3734

503.3751, 0.2924,
0.3527

 61.7917, 0.2712,
0.3782


 136.8986, 0.2811,
0.3662

 44.8644, 0.2664,
0.3841


 171.3240, 0.2834,
0.3634

 31.3506, 0.2603,
0.3916


211.0848, 0.2854,
0.3610

 20.8660, 0.2524,
0.4015

256.5655, 0.2872,
0.3589

 13.0261, 0.2417,
0.4150

308.1505, 0.2887,
0.3571

 7.4465, 0.2266,
0.4347


366.2241, 0.2901,


 3.7429, 0.2035,


0.3554


0.4658


431.1709, 0.2913,
0.3540

 1.5308, 0.1448,
0.5337


 0.3103, 0.0000,
1.0000


 82.5169, 0.2751,
0.3734


 82.5169, 0.2751,
0.3734


 79.8488, 0.2681,
0.3868


 85.7447, 0.2833,
0.3608


 77.6962, 0.2628,
0.4010

 89.5535, 0.2925,
0.3492

 76.0241, 0.2593,
0.4155

 93.9755, 0.3024,
0.3386

 74.7889, 0.2578,
0.4302

 99.0376, 0.3126,
0.3291

■ 73.9385, 0.2584,
0.4447

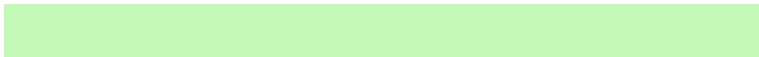
99.3604, 0.3128,
0.3280

■ 73.3929, 0.2608,
0.4587

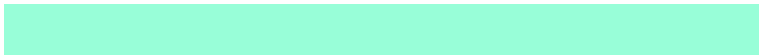
Harmonies

Analogous

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



82.5169, 0.3182, 0.4044



82.5169, 0.2751, 0.3734



82.5169, 0.2435, 0.3290

Triad

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



82.5169, 0.2751, 0.3734



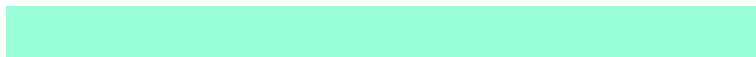
82.5169, 0.2617, 0.2562



82.5169, 0.4031, 0.3590

Complementary

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



82.5169, 0.2751, 0.3734



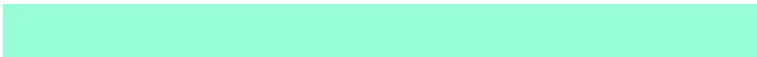
47.2726, 0.3760, 0.2894

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.



82.5169, 0.3863, 0.3226



82.5169, 0.2751, 0.3734



82.5169, 0.3019, 0.2659

Square

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



82.5169, 0.2751, 0.3734



82.5169, 0.2365, 0.2635



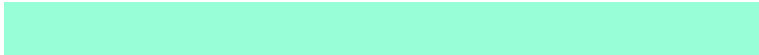
82.5169, 0.3481, 0.2896



82.5169, 0.3934, 0.3913

Rectangle

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



82.5169, 0.2751, 0.3734



82.5169, 0.2323, 0.3008



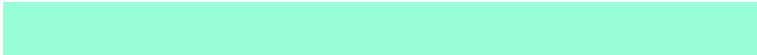
82.5169, 0.3481, 0.2896



82.5169, 0.4004, 0.3469

Sweetspot

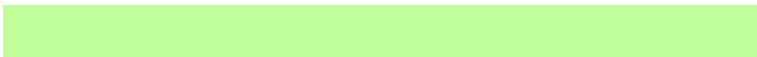
The Sweet Spot groups the original color and five complimentary colors.



82.5202, 0.2751, 0.3734



93.9379, 0.3005, 0.3405



84.2451, 0.3304, 0.4444



19.9774, 0.2992, 0.3419



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

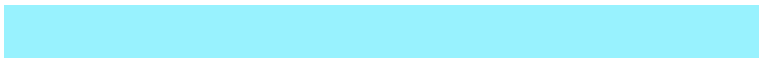
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5202, 0.2751, 0.3734



81.0949, 0.2695, 0.3839



77.4046, 0.2552, 0.3154



20.3598, 0.3030, 0.3380



38.7250, 0.2601, 0.4564



3.7917, 0.2556, 0.4401

Inverse Universe

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



47.2726, 0.3760, 0.2894



41.1501, 0.3949, 0.2820



49.8784, 0.4100, 0.3419



18.0991, 0.3235, 0.3202



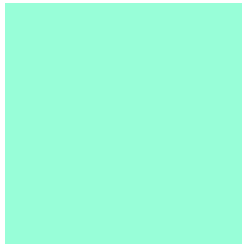
11.5679, 0.5493, 0.2800



1.1466, 0.5183, 0.2629

Previews

White Background



This preview shows how the Yxy color 82.5169, 0.2751, 0.3734 looks on a white background.

Color Contrast Check

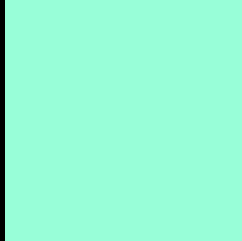
Large Text (above 18pt) WCAG AA × Fail

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 82.5169, 0.2751, 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

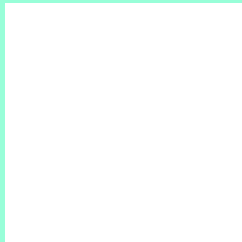
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5169, 0.2751, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 82.5169, 0.2751, 0.3734.

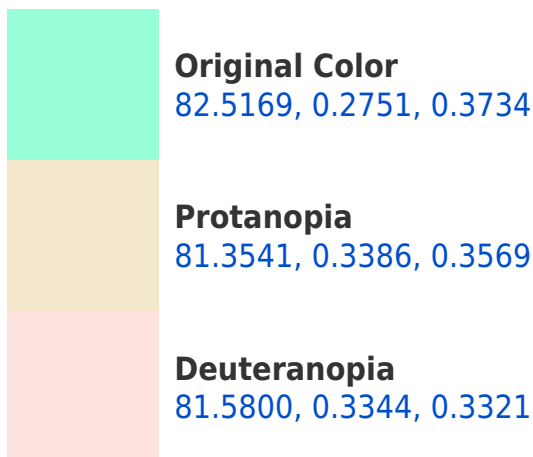


This preview shows how white text looks on a background with the Yxy color 82.5169, 0.2751, 0.3734.

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

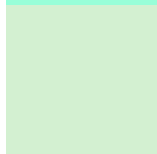
82.0617, 0.2756, 0.3150

Trichromacy



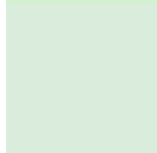
Original Color

82.5169, 0.2751, 0.3734



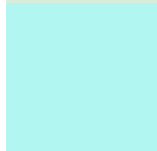
Protanomaly

80.7725, 0.3124, 0.3629



Deuteranomaly

80.6943, 0.3099, 0.3462



Tritanomaly

81.7274, 0.2750, 0.3344

Monochromacy



Original Color

82.5169, 0.2751, 0.3734



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

74.3773, 0.2968, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5169, 0.2751, 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(152, 254, 216)` looks like.

```
.text, #text, p{  
    color:rgb(152, 254, 216)  
}
```

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(152, 254, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 254, 216) }
```

Border

The CSS property to change the border of an element to Yxy 82.5169, 0.2751, 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(152, 254, 216) }
```

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

```
.border{ border-color:rgb(152, 254, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 254, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 254, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 254, 216);  
box-shadow:4px 4px 4px 4px rgb(152, 254,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5169, 0.2751, 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(152, 254, 216) }
```

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

```
.background{ background-color: rgb(152,  
254, 216) }
```

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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