

Converting Colors

$Yxy(82.9706, 0.2886, 0.4061)$

Have a look what the booklet for
Yxy(82.9706, 0.2886, 0.4061)
contains.

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Color

Yxy(82.1516, 0.2885, 0.4053)

Conversions

Conversions Part 1

Format	Color
Hex	9AFFBF
RGB	154, 255, 191
RGB Percent	60%, 100%, 75%
CMY	0.3964, 0.0000, 0.2510
CMYK	0.40, 0.00, 0.25, 0.00
HSL	142°, 100%, 80%
HSV	142°, 40%, 100%
XYZ	58.4770, 82.1516, 62.0647
YIQ	217.5050, -39.6520, -41.3160

Conversions

Conversions Part 2

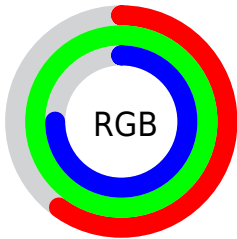
Format	Color
RYB	154, 228, 255
Decimal	10158015
CIELab	92.64, -43.03, 21.49
CIELCh	93, 48.092, 153.464
Yxy	82.1516, 0.2885, 0.4053
Android (android.graphics.Color)	4288348095 (0xFF9AFFBF)
YUV	217.5050, -13.0670, -55.6939
Hunter-Lab	90.6375, -43.4520, 22.8470

Details

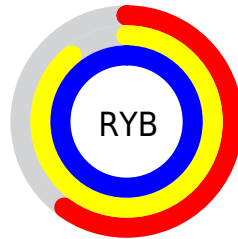
The Yxy color **82.1516, 0.2885, 0.4053** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.3978, 0.3495, 0.2639**, and the grayscale version is **69.8440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2944, 0.2908, 0.3362**, and **44.7910, 0.2825, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **79.2305, 0.2840, 0.4290**, and if you desaturate by 10%, it is **85.6644, 0.2940, 0.3831**.

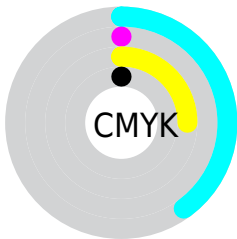
Distribution



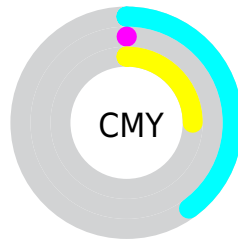
- Red (60%)
- Green (100%)
- Blue (75%)



- Red (60%)
- Yellow (89%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1516, 0.2885, 0.4053 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 82.1516, 0.2885, 0.4053 by changing the saturation by 10% instead.


 82.1516, 0.2885,
0.4053

 82.1516, 0.2885,
0.4053


502.1546, 0.3004,
0.3689

 61.4905, 0.2856,
0.4139

 136.3866, 0.2928,
0.3925

 44.6211, 0.2820,
0.4246


 170.7292, 0.2944,
0.3875

 31.1591, 0.2773,
0.4383


210.4012, 0.2957,
0.3833

 20.7200, 0.2708,
0.4566

255.7869, 0.2969,
0.3797

 12.9195, 0.2617,
0.4820

307.2707, 0.2980,
0.3765

 7.3731, 0.2479,
0.5194

365.2370, 0.2989,

 3.6965, 0.2246,

0.3736

0.5792

430.0702, 0.2997,
0.3711

■ 1.5053, 0.1549,
0.8331

■ 0.2925, 0.0000,
1.0000

■ 82.1516, 0.2885,
0.4053

■ 82.1516, 0.2885,
0.4053

■ 79.2305, 0.2840,
0.4290

■ 85.6644, 0.2940,
0.3831

■ 76.8914, 0.2807,
0.4537

■ 89.8293, 0.3000,
0.3629

■ 75.0850, 0.2791,
0.4787

■ 94.6681, 0.3064,
0.3447

■ 73.7651, 0.2793,
0.5029

100.0000, 0.3127,
0.3290

■ 72.8770, 0.2813,
0.5253

■ 72.3366, 0.2848,
0.5450

■ 72.3204, 0.2849,
0.5457

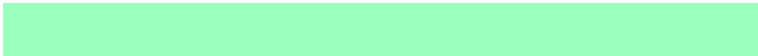
Harmonies

Analogous

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



82.1516, 0.3430, 0.4299



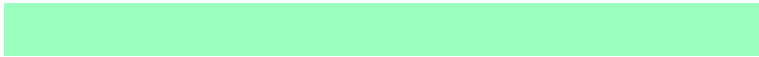
82.1516, 0.2885, 0.4053



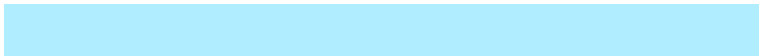
82.1516, 0.2430, 0.3537

Triad

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



82.1516, 0.2885, 0.4053



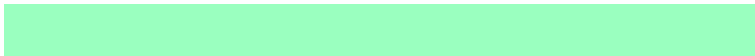
82.1516, 0.2346, 0.2423



82.1516, 0.4187, 0.3442

Complementary

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



82.1516, 0.2885, 0.4053



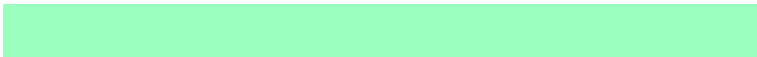
49.3978, 0.3495, 0.2639

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.



82.1516, 0.3845, 0.3019



82.1516, 0.2885, 0.4053



82.1516, 0.2755, 0.2457

Square

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



82.1516, 0.2885, 0.4053



82.1516, 0.2144, 0.2597



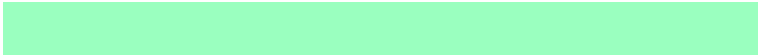
82.1516, 0.3303, 0.2670



82.1516, 0.4206, 0.3868

Rectangle

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



82.1516, 0.2885, 0.4053



82.1516, 0.2232, 0.3160



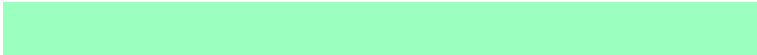
82.1516, 0.3303, 0.2670



82.1516, 0.4105, 0.3297

Sweetspot

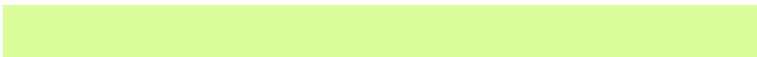
The Sweet Spot groups the original color and five complimentary colors.



82.1426, 0.2885, 0.4053



93.4658, 0.3049, 0.3488



88.7451, 0.3469, 0.4368



19.8664, 0.3041, 0.3511



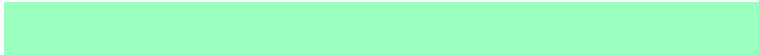
0.0000, 0.0000, 0.0000



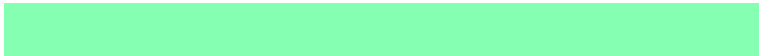
21.4041, 0.3127, 0.3290

Same Dimension

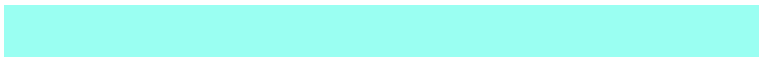
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1426, 0.2885, 0.4053



79.6689, 0.2846, 0.4250



84.7630, 0.2640, 0.3441



20.2784, 0.3065, 0.3444



37.8152, 0.2841, 0.5426



3.7021, 0.2777, 0.5198

Inverse Universe

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



49.3978, 0.3495, 0.2639



42.5832, 0.3605, 0.2508



47.1451, 0.3996, 0.3151



18.1806, 0.3195, 0.3141



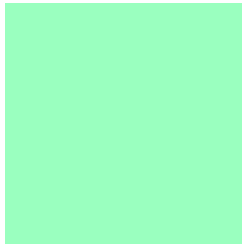
12.4911, 0.4410, 0.2203



1.2373, 0.4236, 0.2107

Previews

White Background



This preview shows how the Yxy color 82.1516, 0.2885, 0.4053 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 82.1516, 0.2885, 0.4053 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 82.1516, 0.2885, 0.4053

Background



This preview shows how black text looks on a background with the Yxy color 82.1516, 0.2885, 0.4053.

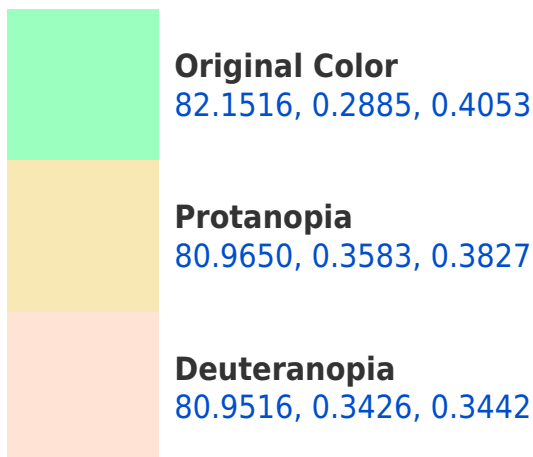


This preview shows how white text looks on a background with the Yxy color 82.1516, 0.2885, 0.4053.

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

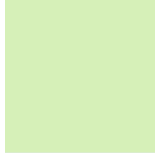
81.4681, 0.2755, 0.3139

Trichromacy



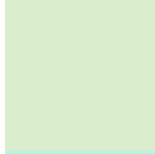
Original Color

82.1516, 0.2885, 0.4053



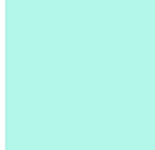
Protanomaly

80.0770, 0.3297, 0.3909



Deuteranomaly

79.8334, 0.3204, 0.3649



Tritanomaly

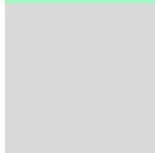
81.3214, 0.2801, 0.3446

Monochromacy



Original Color

82.1516, 0.2885, 0.4053



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

73.1752, 0.3021, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1516, 0.2885, 0.4053 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(154, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 191)  
}
```

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(154, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 82.1516, 0.2885, 0.4053 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(154, 255, 191) }
```

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

```
.border{ border-color:rgb(154, 255, 191) }
```

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

Here you see how a box with a 4 pixel rgb(154, 255, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1516, 0.2885, 0.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 191) }
```

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

```
.background{ background-color: rgb(154,  
255, 191) }
```

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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