

Converting Colors

$Yxy(82.3015, 0.2619, 0.3541)$

Have a look what the booklet for
Yxy(82.3015, 0.2619, 0.3541)
contains.

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Color

Yxy(82.2853, 0.2620, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	8CFEE8
RGB	140, 254, 232
RGB Percent	55%, 100%, 91%
CMY	0.4512, 0.0039, 0.0902
CMYK	0.45, 0.00, 0.09, 0.00
HSL	168°, 98%, 77%
HSV	168°, 45%, 100%
XYZ	60.8145, 82.2853, 89.0167
YIQ	217.4060, -60.8820, -31.0100

Conversions

Conversions Part 2

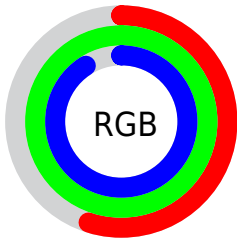
Format	Color
R_{YB}	140, 203, 254
Decimal	9240296
CIE _{Lab}	92.70, -37.69, 0.40
CIE _{LCh}	93, 37.689, 179.386
Yxy	82.2853, 0.2620, 0.3545
Android (android.graphics.Color)	4287430376 (0xFF8CFEE8)
YUV	217.4060, 7.1948, -67.8851
Hunter-Lab	90.7112, -39.0749, 5.3155

Details

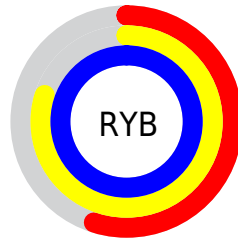
The Yxy color **82.2853, 0.2620, 0.3545** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.4209, 0.4097, 0.3062**, and the grayscale version is **69.6548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **44.7726, 0.2510, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **80.0571, 0.2542, 0.3612**, and if you desaturate by 10%, it is **85.0370, 0.2714, 0.3481**.

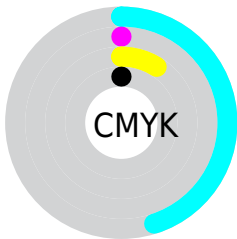
Distribution



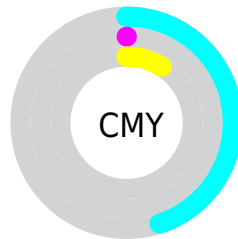
- Red (55%)
- Green (100%)
- Blue (91%)



- Red (55%)
- Yellow (80%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2853, 0.2620, 0.3545 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 82.2853, 0.2620, 0.3545 by changing the saturation by 10% instead.


 82.2853, 0.2620,
0.3545

 82.2853, 0.2620,
0.3545


502.6015, 0.2848,
0.3430

 61.6007, 0.2569,
0.3571

 136.5740, 0.2698,
0.3506

 44.7102, 0.2508,
0.3602


 170.9470, 0.2729,
0.3490

 31.2292, 0.2430,
0.3641

210.6515, 0.2755,
0.3477

 20.7734, 0.2332,
0.3691

256.0720, 0.2779,
0.3465

 12.9585, 0.2201,
0.3757

307.5928, 0.2799,
0.3455

 7.4000, 0.2020,
0.3849

365.5984, 0.2817,

 3.7135, 0.1756,

0.3446

430.4732, 0.2834,
0.3437

0.3984

1.5146, 0.1176,
0.4278

0.2990, 0.0000,
0.5014

82.2853, 0.2620,
0.3545

82.2853, 0.2620,
0.3545

80.0571, 0.2542,
0.3612

85.0370, 0.2714,
0.3481

78.3069, 0.2482,
0.3682

88.3345, 0.2821,
0.3420

76.9979, 0.2442,
0.3753

92.2108, 0.2939,
0.3364

76.0833, 0.2422,
0.3824

96.6932, 0.3064,
0.3313

■ 75.5055, 0.2421,
0.3894

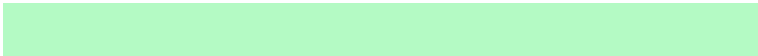
99.3719, 0.3128,
0.3281

■ 75.2989, 0.2425,
0.3930

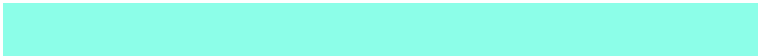
Harmonies

Analogous

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



82.2853, 0.3001, 0.3916



82.2853, 0.2620, 0.3545



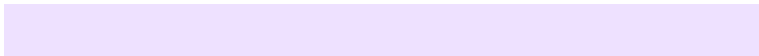
82.2853, 0.2382, 0.3117

Triad

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



82.2853, 0.2620, 0.3545



82.2853, 0.2784, 0.2608



82.2853, 0.3989, 0.3720

Complementary

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



82.2853, 0.2620, 0.3545



42.4209, 0.4097, 0.3062

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.



82.2853, 0.3932, 0.3376



82.2853, 0.2620, 0.3545



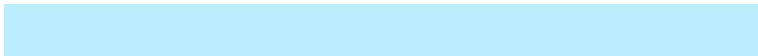
82.2853, 0.3209, 0.2762

Square

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



82.2853, 0.2620, 0.3545



82.2853, 0.2472, 0.2608



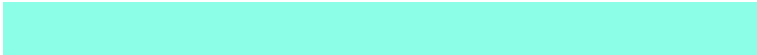
82.2853, 0.3639, 0.3035



82.2853, 0.3799, 0.3987

Rectangle

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



82.2853, 0.2620, 0.3545



82.2853, 0.2327, 0.2877



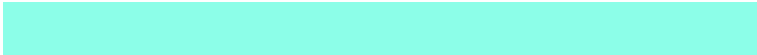
82.2853, 0.3639, 0.3035



82.2853, 0.3999, 0.3610

Sweetspot

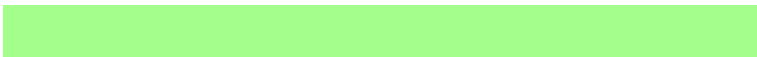
The Sweet Spot groups the original color and five complimentary colors.



82.2886, 0.2620, 0.3545



93.8406, 0.2962, 0.3354



80.5449, 0.3189, 0.4650



19.8844, 0.2935, 0.3366



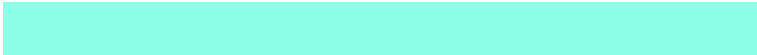
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.2886, 0.2620, 0.3545



80.9476, 0.2548, 0.3606



63.8050, 0.2451, 0.2884



20.4178, 0.3006, 0.3336



39.7150, 0.2422, 0.3919



3.8816, 0.2400, 0.3838

Inverse Universe

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



42.4209, 0.4097, 0.3062



36.0625, 0.4416, 0.3024



53.3014, 0.4164, 0.3652



18.0444, 0.3264, 0.3244



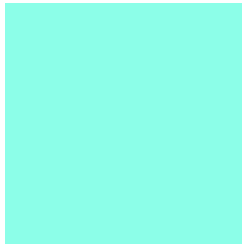
11.2418, 0.6098, 0.3133



1.1089, 0.5804, 0.2971

Previews

White Background



This preview shows how the Yxy color 82.2853, 0.2620, 0.3545 looks on a white background.

Color Contrast Check

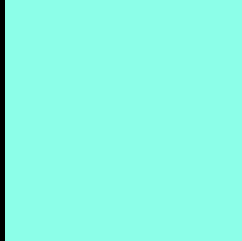
Large Text (above 18pt) WCAG AA × Fail

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 82.2853, 0.2620, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

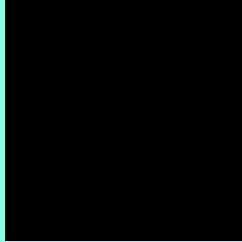
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.2853, 0.2620, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 82.2853, 0.2620, 0.3545.

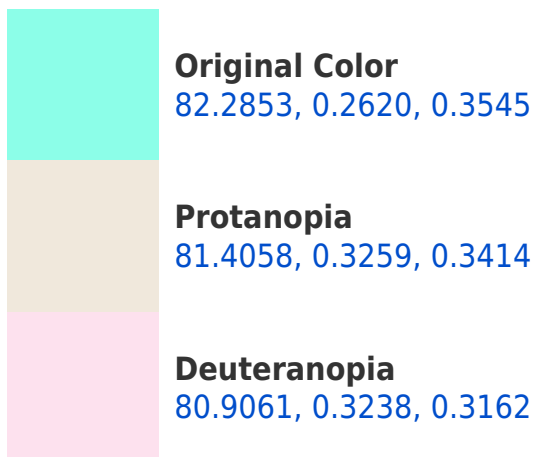


This preview shows how white text looks on a background with the Yxy color 82.2853, 0.2620, 0.3545.

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

81.5431, 0.2734, 0.3149

Trichromacy



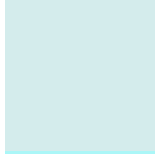
Original Color

82.2853, 0.2620, 0.3545



Protanomaly

80.5394, 0.2990, 0.3465



Deuteranomaly

80.0441, 0.2971, 0.3290



Tritanomaly

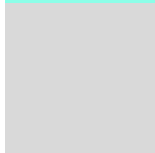
81.2849, 0.2683, 0.3278

Monochromacy



Original Color

82.2853, 0.2620, 0.3545



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.6864, 0.2905, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2853, 0.2620, 0.3545 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(140, 254, 232)` looks like.

```
.text, #text, p{  
    color:rgb(140, 254, 232)  
}
```

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(140, 254, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 254, 232) }
```

Border

The CSS property to change the border of an element to Yxy 82.2853, 0.2620, 0.3545 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(140, 254, 232) }
```

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

```
.border{ border-color:rgb(140, 254, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 254, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 254, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 254, 232);  
box-shadow:4px 4px 4px 4px rgb(140, 254,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2853, 0.2620, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 254, 232) }
```

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

```
.background{ background-color: rgb(140,  
254, 232) }
```

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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