

Converting Colors

$Yxy(83.3211, 0.3108, 0.3547)$

Have a look what the booklet for
Yxy(83.3211, 0.3108, 0.3547)
contains.

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Color

Yxy(83.3179, 0.3109, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	D9F2DA
RGB	217, 242, 218
RGB Percent	85%, 95%, 85%
CMY	0.1489, 0.0510, 0.1452
CMYK	0.10, 0.00, 0.10, 0.05
HSL	122°, 49%, 90%
HSV	122°, 10%, 95%
XYZ	73.0294, 83.3179, 78.5495
YIQ	231.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

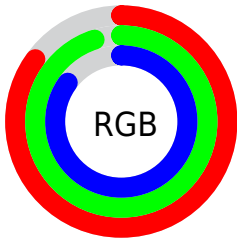
Format	Color
R _Y B	217, 241, 242
Decimal	14283482
CIE Lab	93.15, -12.53, 8.82
CIE LCh	93, 15.327, 144.859
Yxy	83.3179, 0.3109, 0.3547
Android (android.graphics.Color)	4292473562 (0xFFD9F2DA)
YUV	231.7890, -6.7980, -12.9700
Hunter-Lab	91.2786, -16.9249, 12.8733

Details

The Yxy color **83.3179, 0.3109, 0.3547** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8787, 0.3145, 0.3046**, and the grayscale version is **80.5920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4435, 0.3104, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **78.7453, 0.3090, 0.3831**, and if you desaturate by 10%, it is **88.6127, 0.3127, 0.3297**.

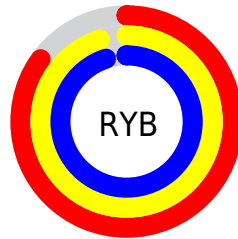
Distribution



Red (85%)

Green (95%)

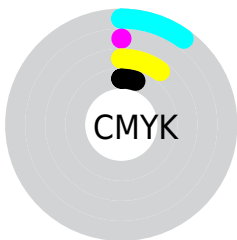
Blue (85%)



Red (85%)

Yellow (95%)

Blue (95%)

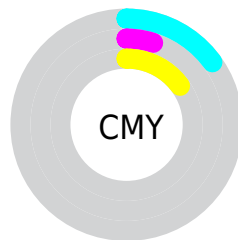


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (15%)


Magenta (5%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.3179, 0.3109, 0.3547 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 83.3179, 0.3109, 0.3547 by changing the saturation by 10% instead.

 83.3179, 0.3109,
0.3547

 83.3179, 0.3109,
0.3547

506.0454, 0.3118,
0.3429

 62.4524, 0.3107,
0.3574

138.0206, 0.3112,
0.3506

 45.3984, 0.3104,
0.3607


172.6267, 0.3114,
0.3490

 31.7713, 0.3100,
0.3649


212.5817, 0.3115,
0.3476

 21.1869, 0.3094,
0.3704

258.2701, 0.3116,
0.3464

 13.2607, 0.3087,
0.3778

310.0763, 0.3116,
0.3454

 7.6083, 0.3075,
0.3884

368.3846, 0.3117,

 3.8453, 0.3054,

0.3445

0.4050

433.5795, 0.3118,
0.3436

■ 1.5874, 0.3010,
0.4341

■ 0.3491, 0.0689,
0.9311

■ 83.3179, 0.3109,
0.3547

■ 83.3179, 0.3109,
0.3547

■ 78.7453, 0.3090,
0.3831

■ 88.6127, 0.3127,
0.3297

■ 74.8536, 0.3070,
0.4146

■ 91.9821, 0.3133,
0.3165

■ 71.6133, 0.3050,
0.4486

■ 68.9890, 0.3031,
0.4838

■ 66.9416, 0.3015,
0.5181

■ 65.4276, 0.3003,
0.5488

■ 64.3974, 0.2996,
0.5734

■ 63.7921, 0.2994,
0.5900

■ 63.5221, 0.2995,
0.5983

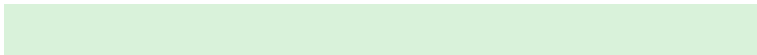
Harmonies

Analogous

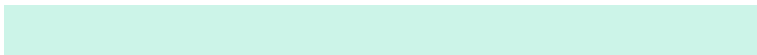
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3179, 0.3284, 0.3601



83.3179, 0.3109, 0.3547



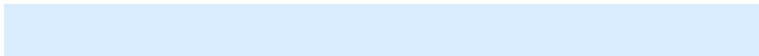
83.3179, 0.2942, 0.3418

Triad

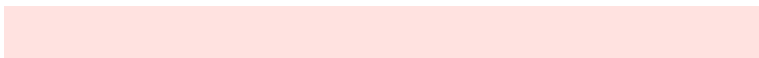
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3179, 0.3109, 0.3547



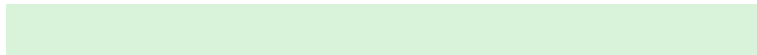
83.3179, 0.2840, 0.3014



83.3179, 0.3437, 0.3313

Complementary

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



83.3179, 0.3109, 0.3547



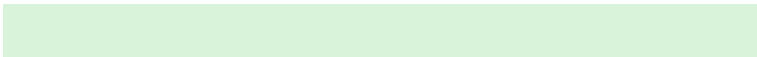
74.8787, 0.3145, 0.3046

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.



83.3179, 0.3311, 0.3166



83.3179, 0.3109, 0.3547



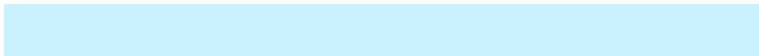
83.3179, 0.2966, 0.2995

Square

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



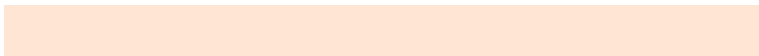
83.3179, 0.3109, 0.3547



83.3179, 0.2790, 0.3106



83.3179, 0.3138, 0.3051



83.3179, 0.3477, 0.3460

Rectangle

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



83.3179, 0.3109, 0.3547



83.3179, 0.2857, 0.3309



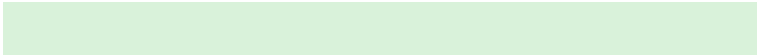
83.3179, 0.3138, 0.3051



83.3179, 0.3403, 0.3262

Sweetspot

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



83.3215, 0.3109, 0.3547



98.1127, 0.3122, 0.3361



87.2439, 0.3275, 0.3545



20.8949, 0.3121, 0.3381



0.0000, 0.0000, 0.0000



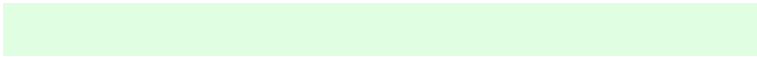
21.4041, 0.3127, 0.3290

Same Dimension

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



83.3215, 0.3109, 0.3547



92.8977, 0.3106, 0.3593



83.9933, 0.3036, 0.3413



17.6660, 0.3111, 0.3525



34.1302, 0.2993, 0.5976



2.8427, 0.2976, 0.5913

Inverse Universe

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



74.8787, 0.3145, 0.3046



81.9326, 0.3148, 0.3004



74.1641, 0.3229, 0.3170



16.0205, 0.3144, 0.3066



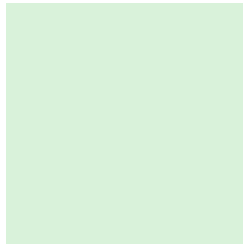
13.3028, 0.3306, 0.1595



1.1099, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 83.3179, 0.3109, 0.3547 looks on a white background.

Color Contrast Check

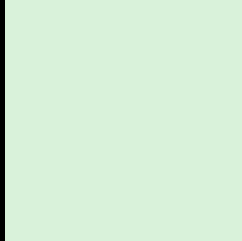
Large Text (above 18pt) WCAG AA × Fail

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 83.3179, 0.3109, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

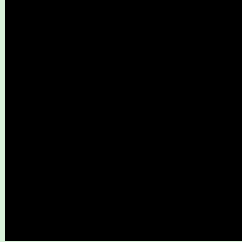
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

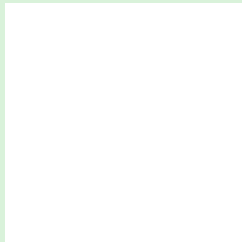
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.3179, 0.3109, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 83.3179, 0.3109, 0.3547.

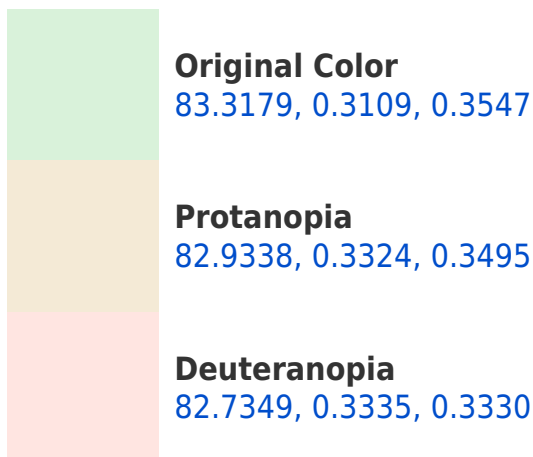


This preview shows how white text looks on a background with the Yxy color 83.3179, 0.3109, 0.3547.

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

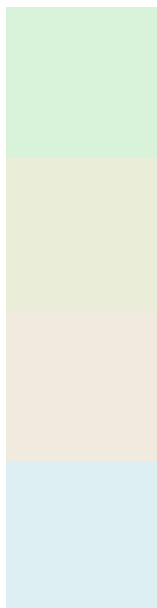




Tritanopia

83.4763, 0.2930, 0.3105

Trichromacy



Original Color

83.3179, 0.3109, 0.3547

Protanomaly

82.9671, 0.3245, 0.3520

Deuteranomaly

82.8203, 0.3251, 0.3413

Tritanomaly

83.5160, 0.2993, 0.3258

Monochromacy



Original Color

83.3179, 0.3109, 0.3547

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.8678, 0.3123, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.3179, 0.3109, 0.3547 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(217, 242, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 218)  
}
```

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(217, 242, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 218) }
```

Border

The CSS property to change the border of an element to Yxy 83.3179, 0.3109, 0.3547 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(217, 242, 218) }
```

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

```
.border{ border-color:rgb(217, 242, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 242, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 83.3179, 0.3109, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 218) }
```

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

```
.background{ background-color: rgb(217,  
242, 218) }
```

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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