

Converting Colors

Yxy(83.2932, 0.3002, 0.3448)

Have a look what the booklet for
Yxy(83.2932, 0.3002, 0.3448)
contains.

Yxy(83.4043, 0.3005, 0.3451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(83.4043, 0.3005, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	D2F3E4
RGB	210, 243, 228
RGB Percent	82%, 95%, 89%
CMY	0.1765, 0.0470, 0.1060
CMYK	0.14, 0.00, 0.06, 0.05
HSL	153°, 58%, 89%
HSV	153°, 14%, 95%
XYZ	72.6253, 83.4043, 85.6519
YIQ	231.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

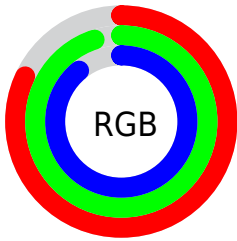
Format	Color
R _Y B	210, 231, 243
Decimal	13824996
CIE Lab	93.19, -13.54, 3.64
CIE LCh	93, 14.022, 164.970
Yxy	83.4043, 0.3005, 0.3451
Android (android.graphics.Color)	4292015076 (0xFFD2F3E4)
YUV	231.4230, -1.6875, -18.7880
Hunter-Lab	91.3260, -17.8715, 8.3218

Details

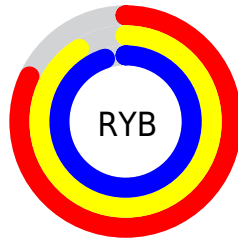
The Yxy color **83.4043, 0.3005, 0.3451** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.5776, 0.3269, 0.3134**, and the grayscale version is **80.2623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5263, 0.2973, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **79.5132, 0.2919, 0.3585**, and if you desaturate by 10%, it is **87.8833, 0.3095, 0.3330**.

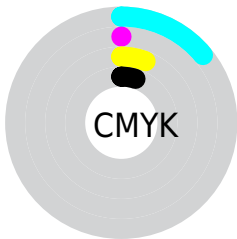
Distribution



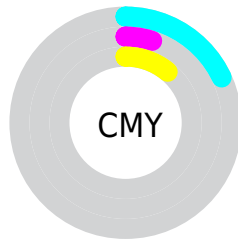
- Red (82%)
- Green (95%)
- Blue (89%)



- Red (82%)
- Yellow (91%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.4043, 0.3005, 0.3451 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 83.4043, 0.3005, 0.3451 by changing the saturation by 10% instead.

83.4043, 0.3005,
0.3451

83.4043, 0.3005,
0.3451

506.3330, 0.3061,
0.3377

62.5237, 0.2992,
0.3468

138.1416, 0.3024,
0.3426

45.4560, 0.2977,
0.3488

172.7671, 0.3032,
0.3416

31.8168, 0.2958,
0.3514

212.7430, 0.3038,
0.3407

21.2216, 0.2933,
0.3547

258.4538, 0.3044,
0.3400

13.2861, 0.2899,
0.3593

310.2837, 0.3049,
0.3393

7.6258, 0.2852,
0.3657

368.6173, 0.3053,

3.8565, 0.2779,

0.3387

0.3756

433.8389, 0.3057,
0.3382

■ 1.5936, 0.2654,
0.3929

■ 0.3533, 0.0106,
0.7226

■ 83.4043, 0.3005,
0.3451

■ 83.4043, 0.3005,
0.3451

■ 79.5132, 0.2919,
0.3585

■ 87.8833, 0.3095,
0.3330

■ 76.1744, 0.2840,
0.3733

■ 92.2773, 0.3162,
0.3222

■ 73.3645, 0.2770,
0.3892

■ 92.5889, 0.3133,
0.3175

■ 71.0542, 0.2713,
0.4062

■ 69.2112, 0.2673,
0.4239

■ 67.7994, 0.2651,
0.4419

■ 66.7771, 0.2650,
0.4599

■ 66.0936, 0.2669,
0.4773

■ 65.7858, 0.2689,
0.4880

Harmonies

Analogous

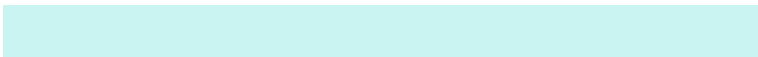
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4043, 0.3165, 0.3549



83.4043, 0.3005, 0.3451



83.4043, 0.2880, 0.3307

Triad

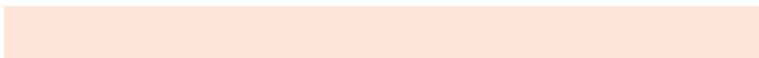
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4043, 0.3005, 0.3451



83.4043, 0.2935, 0.3018



83.4043, 0.3444, 0.3404

Complementary

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



83.4043, 0.3005, 0.3451



70.5776, 0.3269, 0.3134

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.



83.4043, 0.3380, 0.3266



83.4043, 0.3005, 0.3451



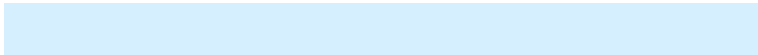
83.4043, 0.3083, 0.3047

Square

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



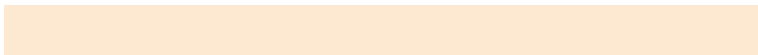
83.4043, 0.3005, 0.3451



83.4043, 0.2840, 0.3058



83.4043, 0.3246, 0.3137



83.4043, 0.3421, 0.3517

Rectangle

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



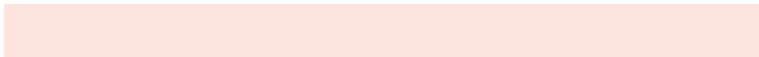
83.4043, 0.3005, 0.3451



83.4043, 0.2832, 0.3208



83.4043, 0.3246, 0.3137



83.4043, 0.3432, 0.3359

Sweetspot

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



83.4078, 0.3005, 0.3451



97.8211, 0.3091, 0.3335



84.8322, 0.3212, 0.3640



20.8526, 0.3084, 0.3344



0.0000, 0.0000, 0.0000



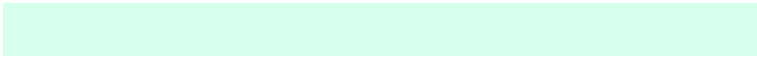
21.4041, 0.3127, 0.3290

Same Dimension

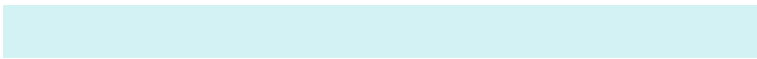
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4078, 0.3005, 0.3451



91.9274, 0.2984, 0.3483



83.6223, 0.2919, 0.3278



18.6231, 0.3041, 0.3400



36.1289, 0.2682, 0.4854



3.1961, 0.2622, 0.4641

Inverse Universe

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



70.5776, 0.3269, 0.3134



75.3245, 0.3298, 0.3105



70.3381, 0.3376, 0.3302



16.6080, 0.3222, 0.3183



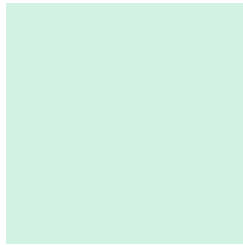
11.1095, 0.5150, 0.2611



0.9969, 0.4845, 0.2443

Previews

White Background



This preview shows how the Yxy color 83.4043, 0.3005, 0.3451 looks on a white background.

Color Contrast Check

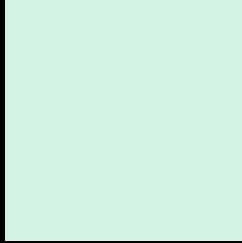
Large Text (above 18pt) WCAG AA × Fail

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 83.4043, 0.3005, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

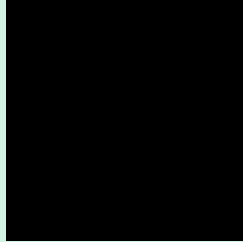
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

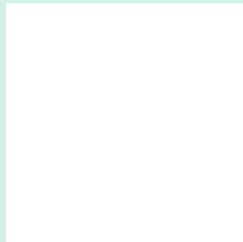
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.4043, 0.3005, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 83.4043, 0.3005, 0.3451.

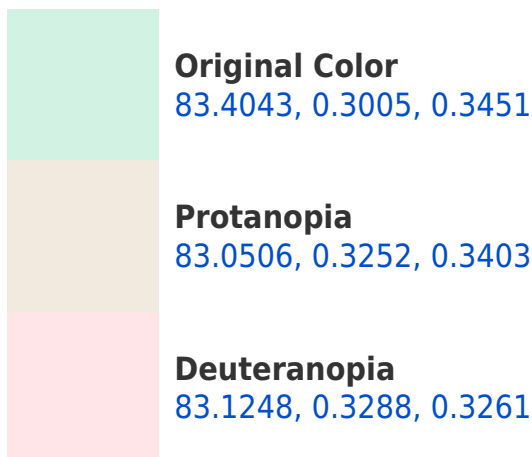


This preview shows how white text looks on a background with the Yxy color 83.4043, 0.3005, 0.3451.

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

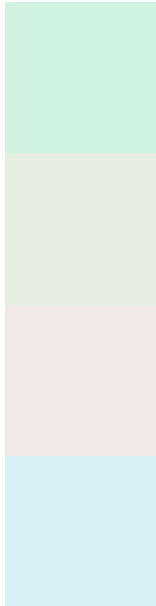




Tritanopia

83.2745, 0.2900, 0.3114

Trichromacy



Original Color

83.4043, 0.3005, 0.3451

Protanomaly

82.8276, 0.3155, 0.3415

Deuteranomaly

82.9659, 0.3180, 0.3321

Tritanomaly

83.3598, 0.2938, 0.3237

Monochromacy



Original Color

83.4043, 0.3005, 0.3451

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.8178, 0.3078, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.4043, 0.3005, 0.3451 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(210, 243, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 243, 228)  
}
```

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(210, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 243, 228) }
```

Border

The CSS property to change the border of an element to Yxy 83.4043, 0.3005, 0.3451 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(210, 243, 228) }
```

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

```
.border{ border-color:rgb(210, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 243, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 243, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 243,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4043, 0.3005, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 243, 228) }
```

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

```
.background{ background-color: rgb(210,  
243, 228) }
```

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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