

Converting Colors

Yxy(83.4532, 0.2983, 0.3433)

Have a look what the booklet for
Yxy(83.4532, 0.2983, 0.3433)
contains.

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Color

Yxy(83.2243, 0.2981, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	D0F3E6
RGB	208, 243, 230
RGB Percent	82%, 95%, 90%
CMY	0.1843, 0.0471, 0.0979
CMYK	0.14, 0.00, 0.05, 0.05
HSL	158°, 59%, 88%
HSV	158°, 14%, 95%
XYZ	72.3510, 83.2243, 87.1319
YIQ	231.0530, -16.6870, -11.4630

Conversions

Conversions Part 2

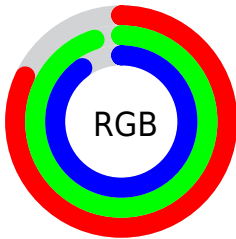
Format	Color
R _{YB}	208, 229, 243
Decimal	13693926
CIE Lab	93.11, -13.78, 2.44
CIE LCh	93, 13.995, 169.945
Yxy	83.2243, 0.2981, 0.3429
Android (android.graphics.Color)	4291884006 (0xFFD0F3E6)
YUV	231.0530, -0.5191, -20.2175
Hunter-Lab	91.2274, -18.0823, 7.2309

Details

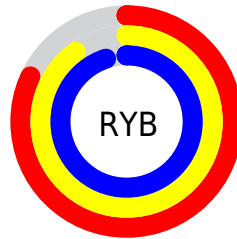
The Yxy color **83.2243, 0.2981, 0.3429** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3924, 0.3300, 0.3155**, and the grayscale version is **79.9705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4081, 0.2942, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **79.4776, 0.2885, 0.3538**, and if you desaturate by 10%, it is **87.5438, 0.3082, 0.3330**.

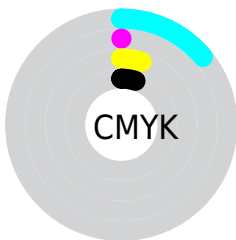
Distribution



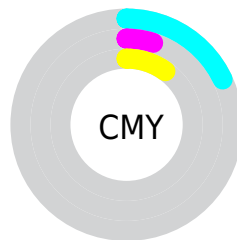
- Red (82%)
- Green (95%)
- Blue (90%)



- Red (82%)
- Yellow (90%)
- Blue (95%)



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



- Cyan (18%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.2243, 0.2981, 0.3429 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 83.2243, 0.2981, 0.3429 by changing the saturation by 10% instead.

83.2243, 0.2981,
0.3429

83.2243, 0.2981,
0.3429

505.7337, 0.3047,
0.3366

62.3752, 0.2966,
0.3443

137.8896, 0.3004,
0.3407

45.3359, 0.2948,
0.3461

172.4745, 0.3013,
0.3399

31.7221, 0.2925,
0.3483

212.4069, 0.3020,
0.3391

21.1493, 0.2896,
0.3511

258.0711, 0.3027,
0.3385

13.2332, 0.2856,
0.3550

309.8515, 0.3033,
0.3379

7.5893, 0.2800,
0.3605

368.1324, 0.3038,

3.8333, 0.2715,

0.3374

0.3689

433.2984, 0.3043,
0.3370

■ 1.5808, 0.2571,
0.3834

■ 0.3446, 0.0000,
0.6277

■ 83.2243, 0.2981,
0.3429

■ 83.2243, 0.2981,
0.3429

■ 79.4776, 0.2885,
0.3538

■ 87.5438, 0.3082,
0.3330

■ 76.2683, 0.2797,
0.3658

■ 92.1417, 0.3175,
0.3241

■ 73.5732, 0.2719,
0.3786

■ 92.5814, 0.3133,
0.3175

■ 71.3631, 0.2656,
0.3922

■ 69.6059, 0.2609,
0.4064

■ 68.2655, 0.2583,
0.4209

■ 67.3001, 0.2576,
0.4355

■ 66.6583, 0.2590,
0.4497

■ 66.3978, 0.2604,
0.4576

Harmonies

Analogous

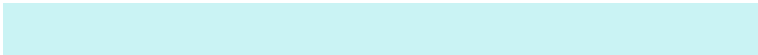
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2243, 0.3138, 0.3538



83.2243, 0.2981, 0.3429



83.2243, 0.2865, 0.3282

Triad

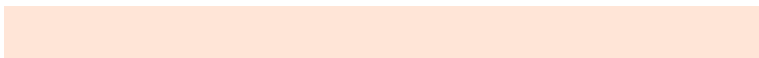
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2243, 0.2981, 0.3429



83.2243, 0.2957, 0.3018



83.2243, 0.3446, 0.3425

Complementary

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



83.2243, 0.2981, 0.3429



69.3924, 0.3300, 0.3155

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.



83.2243, 0.3396, 0.3289



83.2243, 0.2981, 0.3429



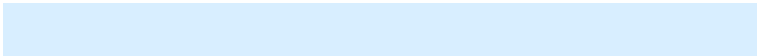
83.2243, 0.3110, 0.3058

Square

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



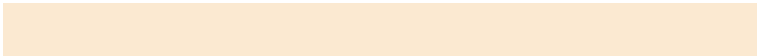
83.2243, 0.2981, 0.3429



83.2243, 0.2851, 0.3047



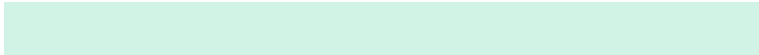
83.2243, 0.3271, 0.3156



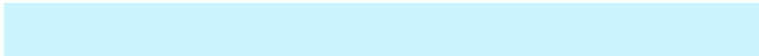
83.2243, 0.3409, 0.3531

Rectangle

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



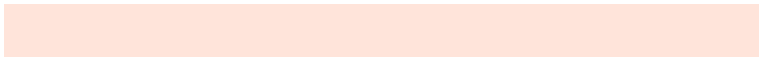
83.2243, 0.2981, 0.3429



83.2243, 0.2825, 0.3185



83.2243, 0.3271, 0.3156



83.2243, 0.3439, 0.3382

Sweetspot

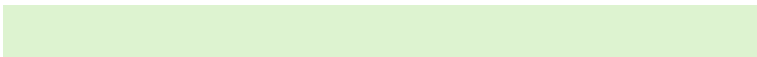
The Sweet Spot groups the original color and five complimentary colors.



83.2278, 0.2981, 0.3429



97.8753, 0.3086, 0.3327



84.0950, 0.3197, 0.3664



20.8664, 0.3078, 0.3334



0.0000, 0.0000, 0.0000



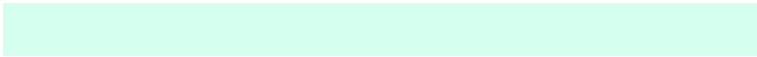
21.4041, 0.3127, 0.3290

Same Dimension

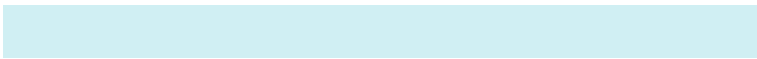
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2278, 0.2981, 0.3429



91.6927, 0.2955, 0.3457



81.5681, 0.2906, 0.3246



18.6475, 0.3030, 0.3379



36.4683, 0.2598, 0.4554



3.2250, 0.2549, 0.4376

Inverse Universe

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



69.3924, 0.3300, 0.3155



73.7583, 0.3337, 0.3129



70.7437, 0.3389, 0.3334



16.5841, 0.3235, 0.3203



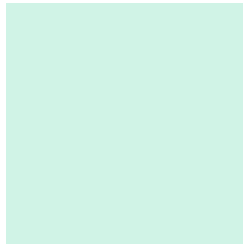
10.8879, 0.5497, 0.2802



0.9761, 0.5155, 0.2614

Previews

White Background



This preview shows how the Yxy color 83.2243, 0.2981, 0.3429 looks on a white background.

Color Contrast Check

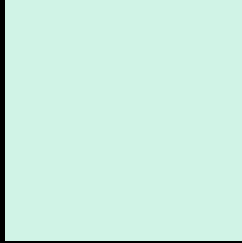
Large Text (above 18pt) WCAG AA × Fail

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 83.2243, 0.2981, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

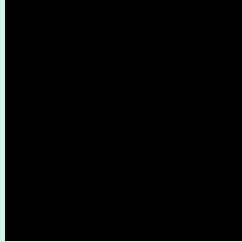
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

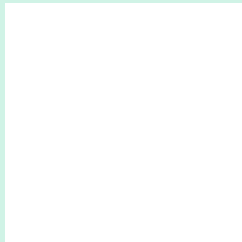
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.2243, 0.2981, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 83.2243, 0.2981, 0.3429.

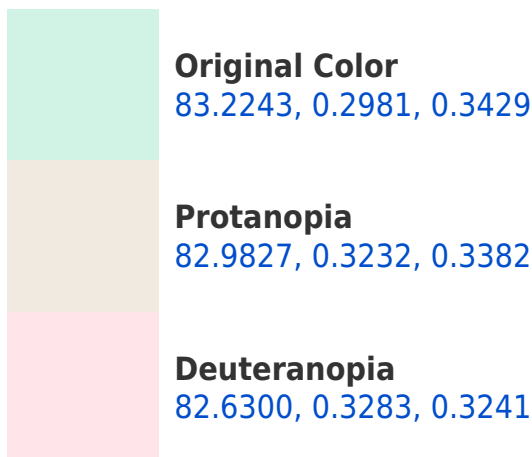


This preview shows how white text looks on a background with the Yxy color 83.2243, 0.2981, 0.3429.

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

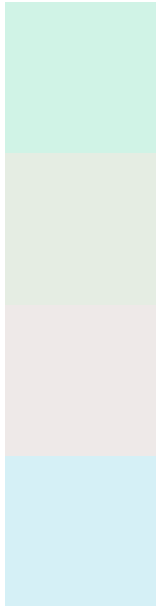




Tritanopia

82.9680, 0.2887, 0.3113

Trichromacy



Original Color

83.2243, 0.2981, 0.3429

Protanomaly

82.7724, 0.3136, 0.3394

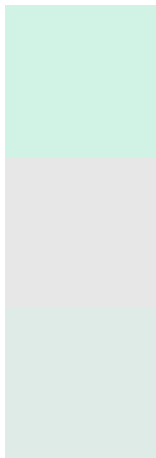
Deuteranomaly

82.2812, 0.3167, 0.3300

Tritanomaly

83.1201, 0.2920, 0.3226

Monochromacy



Original Color

83.2243, 0.2981, 0.3429

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.8742, 0.3072, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.2243, 0.2981, 0.3429 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(208, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(208, 243, 230)  
}
```

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(208, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 243, 230) }
```

Border

The CSS property to change the border of an element to Yxy 83.2243, 0.2981, 0.3429 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(208, 243, 230) }
```

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

```
.border{ border-color:rgb(208, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(208, 243,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2243, 0.2981, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 243, 230) }
```

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

```
.background{ background-color: rgb(208,  
243, 230) }
```

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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