

Converting Colors

$Yxy(83.4994, 0.3449, 0.3572)$

Have a look what the booklet for
Yxy(83.4994, 0.3449, 0.3572)
contains.

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Color

Yxy(83.5683, 0.3449, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	FDE9CD
RGB	253, 233, 205
RGB Percent	99%, 91%, 80%
CMY	0.0079, 0.0863, 0.1960
CMYK	0.00, 0.08, 0.19, 0.01
HSL	35°, 92%, 90%
HSV	35°, 19%, 99%
XYZ	80.6681, 83.5683, 69.6519
YIQ	235.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

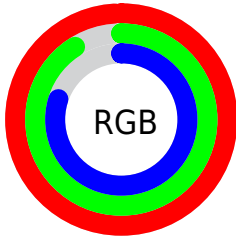
Format	Color
R _Y B	239, 253, 205
Decimal	16640461
CIE Lab	93.26, 2.44, 16.06
CIE LCh	93, 16.240, 81.373
Yxy	83.5683, 0.3449, 0.3573
Android (android.graphics.Color)	4294830541 (0xFFFDE9CD)
YUV	235.7880, -15.1785, 15.0949
Hunter-Lab	91.4157, -2.4635, 18.8164

Details

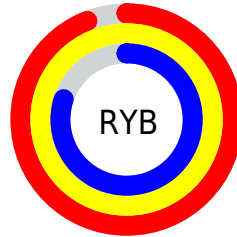
The Yxy color **83.5683, 0.3449, 0.3573** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.9357, 0.2824, 0.2990**, and the grayscale version is **83.8198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4144, 0.3520, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **76.6542, 0.3648, 0.3730**, and if you desaturate by 10%, it is **91.0442, 0.3270, 0.3420**.

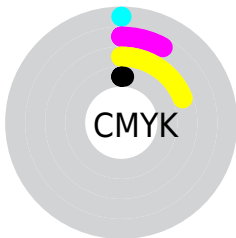
Distribution



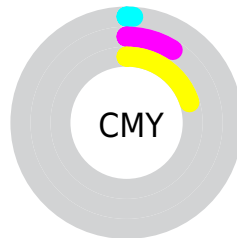
- Red (99%)
- Green (91%)
- Blue (80%)



- Red (94%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (1%)




- Cyan (1%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5683, 0.3449, 0.3573 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 83.5683, 0.3449, 0.3573 by changing the saturation by 10% instead.


 83.5683, 0.3449,
0.3573

 83.5683, 0.3449,
0.3573


506.8786, 0.3303,
0.3446

 62.6591, 0.3481,
0.3601


138.3711, 0.3399,
0.3530

 45.5655, 0.3521,
0.3635


173.0335, 0.3380,
0.3513

 31.9031, 0.3571,
0.3677


213.0491, 0.3363,
0.3498

 21.2875, 0.3634,
0.3731

258.8023, 0.3348,
0.3485

 13.3343, 0.3719,
0.3802

310.6774, 0.3335,
0.3474

 7.6591, 0.3836,
0.3900

369.0589, 0.3323,

 3.8776, 0.4008,

0.3463

0.4040

434.3312, 0.3313,
0.3454

■ 1.6053, 0.4370,
0.4342

■ 0.3612, 0.5272,
0.4728

■ 83.5683, 0.3449,
0.3573

■ 83.5683, 0.3449,
0.3573

■ 76.6542, 0.3648,
0.3730

■ 91.0442, 0.3270,
0.3420

■ 70.2750, 0.3866,
0.3887

■ 99.0452, 0.3115,
0.3281

■ 64.4178, 0.4099,
0.4035

■ 99.6223, 0.3115,
0.3290

■ 59.0650, 0.4342,
0.4164

■ 54.1973, 0.4583,
0.4262

■ 49.7935, 0.4810,
0.4316

■ 45.8295, 0.5008,
0.4319

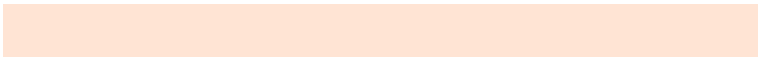
■ 42.2729, 0.5172,
0.4269

■ 41.9232, 0.5188,
0.4263

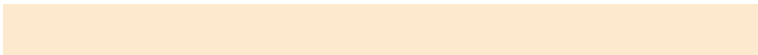
Harmonies

Analogous

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



83.5683, 0.3498, 0.3452



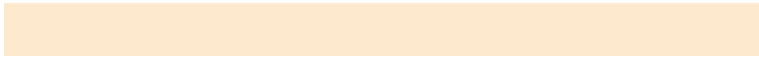
83.5683, 0.3449, 0.3573



83.5683, 0.3313, 0.3620

Triad

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



83.5683, 0.3449, 0.3573



83.5683, 0.2820, 0.3272



83.5683, 0.3116, 0.3027

Complementary

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



83.5683, 0.3449, 0.3573



73.9357, 0.2824, 0.2990

Split Complementary

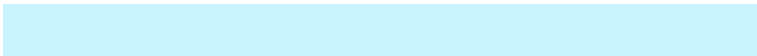
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5683, 0.2937, 0.2977



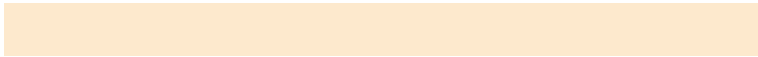
83.5683, 0.3449, 0.3573



83.5683, 0.2770, 0.3111

Square

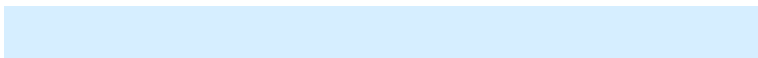
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5683, 0.3449, 0.3573



83.5683, 0.2950, 0.3444



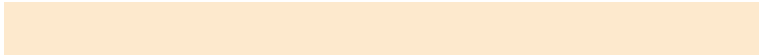
83.5683, 0.2812, 0.3005



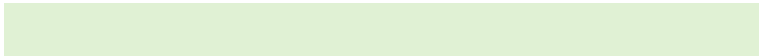
83.5683, 0.3302, 0.3142

Rectangle

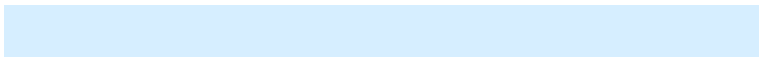
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.5683, 0.3449, 0.3573



83.5683, 0.3193, 0.3600



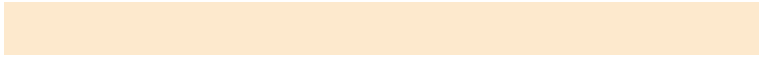
83.5683, 0.2812, 0.3005



83.5683, 0.3053, 0.3002

Sweetspot

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



83.5720, 0.3449, 0.3573



95.0523, 0.3221, 0.3377



70.0385, 0.3344, 0.3080



20.2325, 0.3232, 0.3386



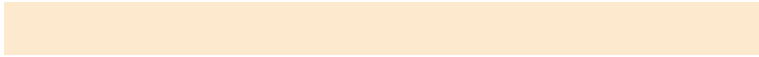
0.0000, 0.0000, 0.0000



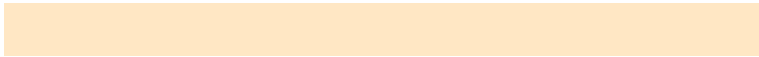
21.4041, 0.3127, 0.3290

Same Dimension

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



83.5720, 0.3449, 0.3573



82.1654, 0.3527, 0.3636



94.9455, 0.3392, 0.3767



19.7474, 0.3280, 0.3429



22.5965, 0.5168, 0.4279



2.4161, 0.5026, 0.4391

Inverse Universe

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



73.9357, 0.2824, 0.2990



70.6067, 0.2756, 0.2917



64.2096, 0.2833, 0.2771



18.6216, 0.2979, 0.3148



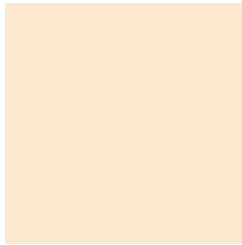
9.4671, 0.1697, 0.1308



1.1316, 0.1758, 0.1530

Previews

White Background



This preview shows how the Yxy color 83.5683, 0.3449, 0.3573 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 83.5683, 0.3449, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

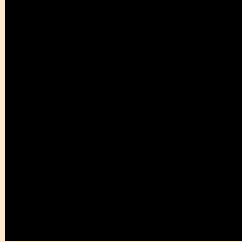
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.5683, 0.3449, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 83.5683, 0.3449, 0.3573.

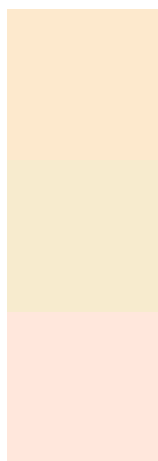


This preview shows how white text looks on a background with the Yxy color 83.5683, 0.3449, 0.3573.

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



Original Color

83.5683, 0.3449, 0.3573

Protanopia

83.6470, 0.3396, 0.3587

Deuteranopia

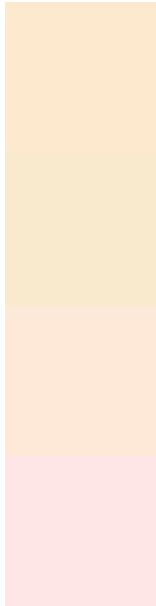
83.5791, 0.3366, 0.3400



Tritanopia

83.8303, 0.3209, 0.3144

Trichromacy



Original Color

83.5683, 0.3449, 0.3573

Protanomaly

83.4416, 0.3412, 0.3575

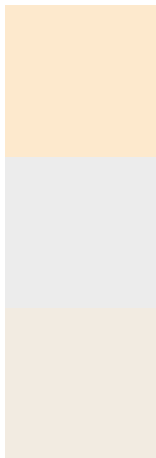
Deuteranomaly

83.6904, 0.3391, 0.3461

Tritanomaly

83.3776, 0.3293, 0.3291

Monochromacy



Original Color

83.5683, 0.3449, 0.3573

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.7301, 0.3238, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5683, 0.3449, 0.3573 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(253, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 205)  
}
```

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(253, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 205) }
```

Border

The CSS property to change the border of an element to Yxy 83.5683, 0.3449, 0.3573 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(253, 233, 205) }
```

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

```
.border{ border-color:rgb(253, 233, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 233, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5683, 0.3449, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 205) }
```

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

```
.background{ background-color: rgb(253,  
233, 205) }
```

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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