

Converting Colors

$Yxy(84.2602, 0.3441, 0.3588)$

Have a look what the booklet for
Yxy(84.2602, 0.3441, 0.3588)
contains.

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Color

Yxy(83.9489, 0.3440, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	FCEACD
RGB	252, 234, 205
RGB Percent	99%, 92%, 80%
CMY	0.0119, 0.0823, 0.1961
CMYK	0.00, 0.07, 0.19, 0.01
HSL	37°, 89%, 90%
HSV	37°, 19%, 99%
XYZ	80.5760, 83.9489, 69.7076
YIQ	236.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

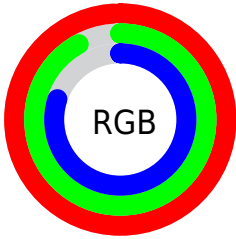
Format	Color
RYB	234, 252, 205
Decimal	16575181
CIELab	93.43, 1.54, 16.30
CIELCh	93, 16.369, 84.595
Yxy	83.9489, 0.3440, 0.3584
Android (android.graphics.Color)	4294765261 (0xFFFACEAD)
YUV	236.0760, -15.3205, 13.9653
Hunter-Lab	91.6236, -3.3643, 19.0285

Details

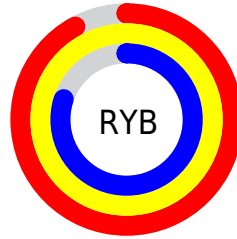
The Yxy color **83.9489, 0.3440, 0.3584** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.7439, 0.2829, 0.2977**, and the grayscale version is **84.0486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6773, 0.3508, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **77.4991, 0.3634, 0.3750**, and if you desaturate by 10%, it is **90.8999, 0.3264, 0.3423**.

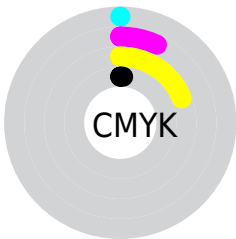
Distribution



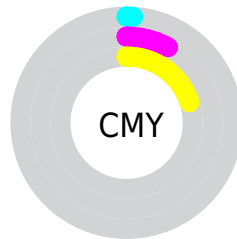
- Red (99%)
- Green (92%)
- Blue (80%)



- Red (92%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.9489, 0.3440, 0.3584 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 83.9489, 0.3440, 0.3584 by changing the saturation by 10% instead.


 83.9489, 0.3440,
0.3584

 83.9489, 0.3440,
0.3584


508.1435, 0.3299,
0.3452

 62.9732, 0.3471,
0.3613


138.9037, 0.3392,
0.3539

 45.8196, 0.3510,
0.3649


173.6516, 0.3373,
0.3521

 32.1035, 0.3558,
0.3693


213.7591, 0.3356,
0.3506

 21.4405, 0.3619,
0.3749

259.6105, 0.3342,
0.3492

 13.4464, 0.3700,
0.3824

311.5903, 0.3329,
0.3481

 7.7367, 0.3813,
0.3926

370.0828, 0.3318,

 3.9269, 0.3978,

0.3470

0.4073

435.4724, 0.3308,
0.3461

■ 1.6328, 0.4324,
0.4388

■ 0.3795, 0.5121,
0.4879

■ 83.9489, 0.3440,
0.3584

■ 83.9489, 0.3440,
0.3584

■ 77.4991, 0.3634,
0.3750

■ 90.8999, 0.3264,
0.3423

■ 71.5252, 0.3845,
0.3915

■ 98.3294, 0.3109,
0.3273

■ 66.0161, 0.4069,
0.4071

■ 99.4285, 0.3108,
0.3290

■ 60.9557, 0.4299,
0.4208

■ 56.3266, 0.4525,
0.4314

■ 52.1096, 0.4736,
0.4378

■ 48.2828, 0.4919,
0.4390

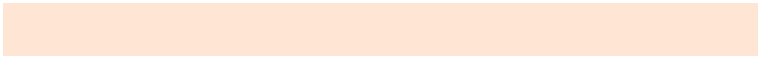
■ 44.8166, 0.5068,
0.4350

■ 44.3693, 0.5087,
0.4343

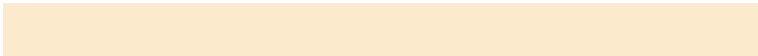
Harmonies

Analogous

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



83.9489, 0.3500, 0.3469



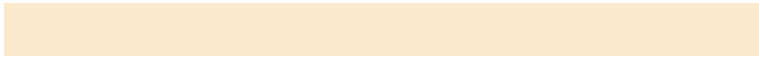
83.9489, 0.3440, 0.3584



83.9489, 0.3296, 0.3622

Triad

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



83.9489, 0.3440, 0.3584



83.9489, 0.2808, 0.3253



83.9489, 0.3137, 0.3035

Complementary

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



83.9489, 0.3440, 0.3584



72.7439, 0.2829, 0.2977

Split Complementary

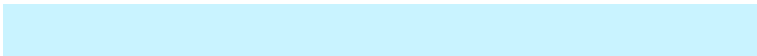
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9489, 0.2953, 0.2977



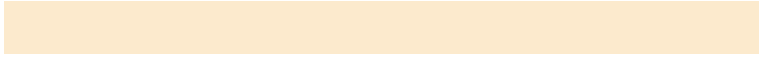
83.9489, 0.3440, 0.3584



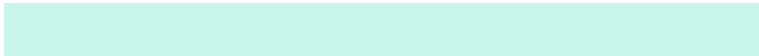
83.9489, 0.2768, 0.3095

Square

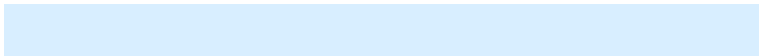
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9489, 0.3440, 0.3584



83.9489, 0.2932, 0.3427



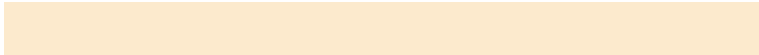
83.9489, 0.2820, 0.2997



83.9489, 0.3322, 0.3156

Rectangle

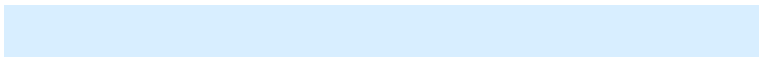
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9489, 0.3440, 0.3584



83.9489, 0.3173, 0.3595



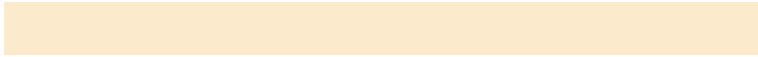
83.9489, 0.2820, 0.2997



83.9489, 0.3073, 0.3008

Sweetspot

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



83.9527, 0.3440, 0.3584



95.3809, 0.3221, 0.3382



69.6743, 0.3357, 0.3107



20.3103, 0.3232, 0.3392



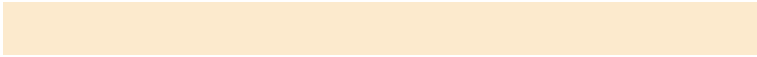
0.0000, 0.0000, 0.0000



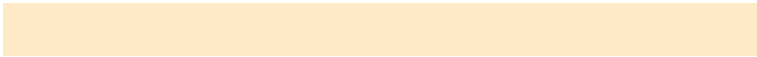
21.4041, 0.3127, 0.3290

Same Dimension

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



83.9527, 0.3440, 0.3584



83.9798, 0.3503, 0.3640



93.6851, 0.3372, 0.3761



19.0118, 0.3278, 0.3436



23.4139, 0.5068, 0.4358



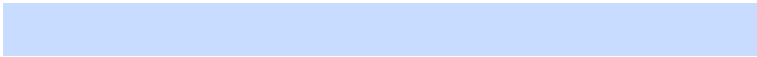
2.3733, 0.4935, 0.4463

Inverse Universe

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



72.7439, 0.2829, 0.2977



70.7083, 0.2771, 0.2914



64.4550, 0.2855, 0.2783



17.7299, 0.2979, 0.3139



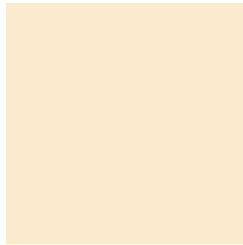
8.3066, 0.1669, 0.1208



0.9670, 0.1735, 0.1444

Previews

White Background



This preview shows how the Yxy color 83.9489, 0.3440, 0.3584 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 83.9489, 0.3440, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

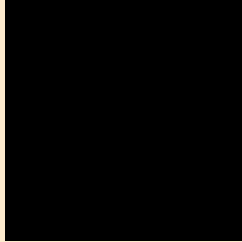
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.9489, 0.3440, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 83.9489, 0.3440, 0.3584.

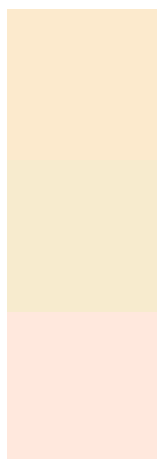


This preview shows how white text looks on a background with the Yxy color 83.9489, 0.3440, 0.3584.

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

83.9489, 0.3440, 0.3584

Protanopia

83.6470, 0.3396, 0.3587

Deuteranopia

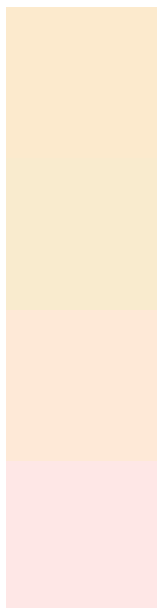
84.1937, 0.3358, 0.3400



Tritanopia

83.8912, 0.3203, 0.3134

Trichromacy



Original Color

83.9489, 0.3440, 0.3584

Protanomaly

84.0126, 0.3410, 0.3585

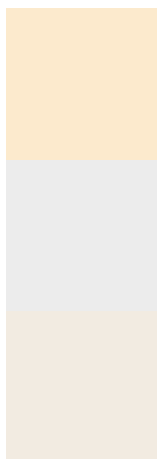
Deuteranomaly

84.2550, 0.3389, 0.3471

Tritanomaly

83.9358, 0.3292, 0.3300

Monochromacy



Original Color

83.9489, 0.3440, 0.3584

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 83.9489, 0.3440, 0.3584 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(252, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 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(252, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 205) }
```

Border

The CSS property to change the border of an element to Yxy 83.9489, 0.3440, 0.3584 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(252, 234, 205) }
```

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

```
.border{ border-color:rgb(252, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 83.9489, 0.3440, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 205) }
```

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

```
.background{ background-color: rgb(252,  
234, 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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