

Converting Colors

$Yxy(83.1659, 0.3486, 0.3609)$

Have a look what the booklet for
Yxy(83.1659, 0.3486, 0.3609)
contains.

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Color

Yxy(83.0011, 0.3485, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	FEE8C9
RGB	254, 232, 201
RGB Percent	100%, 91%, 79%
CMY	0.0041, 0.0901, 0.2118
CMYK	0.00, 0.09, 0.21, 0.00
HSL	35°, 96%, 89%
HSV	35°, 21%, 100%
XYZ	80.2605, 83.0011, 67.0411
YIQ	235.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

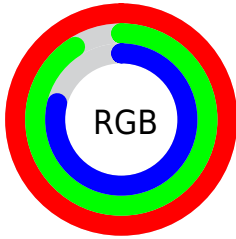
Format	Color
RYB	239, 254, 201
Decimal	16705737
CIELab	93.01, 2.71, 17.81
CIELCh	93, 18.014, 81.363
Yxy	83.0011, 0.3485, 0.3604
Android (android.graphics.Color)	4294895817 (0xFFFE8C9)
YUV	235.0440, -16.7837, 16.6244
Hunter-Lab	91.1049, -2.1809, 20.1439

Details

The Yxy color **83.0011, 0.3485, 0.3604** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.3075, 0.2792, 0.2955**, and the grayscale version is **83.2287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0276, 0.3567, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **76.1601, 0.3687, 0.3762**, and if you desaturate by 10%, it is **90.4017, 0.3303, 0.3450**.

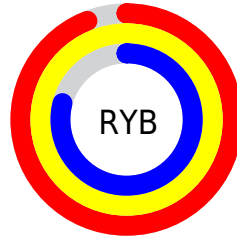
Distribution



Red (100%)

Green (91%)

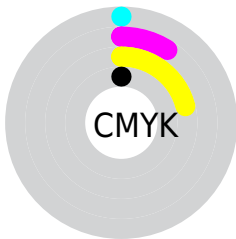
Blue (79%)



Red (94%)

Yellow (100%)

Blue (79%)

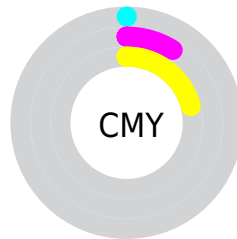


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0011, 0.3485, 0.3604 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 83.0011, 0.3485, 0.3604 by changing the saturation by 10% instead.


 83.0011, 0.3485,
0.3604

 83.0011, 0.3485,
0.3604

504.9902, 0.3323,
0.3463

 62.1911, 0.3521,
0.3635


137.5770, 0.3430,
0.3556

 45.1871, 0.3565,
0.3673


172.1117, 0.3408,
0.3537

 31.6048, 0.3620,
0.3720


211.9900, 0.3389,
0.3521

 21.0598, 0.3691,
0.3779

257.5963, 0.3372,
0.3506

 13.1677, 0.3785,
0.3857

309.3151, 0.3358,
0.3494

 7.5442, 0.3914,
0.3964

367.5308, 0.3345,

 3.8047, 0.4104,

0.3482

0.4116

432.6277, 0.3333,
0.3472

■ 1.5649, 0.4565,
0.4504

■ 0.3338, 0.5345,
0.4655

■ 83.0011, 0.3485,
0.3604

■ 83.0011, 0.3485,
0.3604

■ 76.1601, 0.3687,
0.3762

■ 90.4017, 0.3303,
0.3450

■ 69.8516, 0.3908,
0.3918

■ 98.3656, 0.3140,
0.3302

■ 64.0625, 0.4143,
0.4064

■ 99.8036, 0.3121,
0.3290

■ 58.7748, 0.4385,
0.4189

■ 53.9689, 0.4624,
0.4280

■ 49.6229, 0.4845,
0.4326

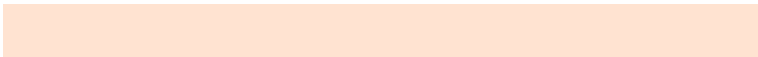
■ 45.7122, 0.5036,
0.4318

■ 42.4859, 0.5181,
0.4268

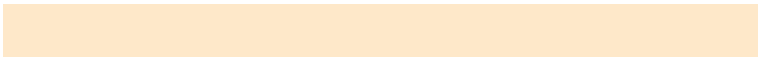
Harmonies

Analogous

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



83.0011, 0.3540, 0.3469



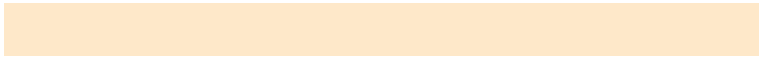
83.0011, 0.3485, 0.3604



83.0011, 0.3333, 0.3658

Triad

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



83.0011, 0.3485, 0.3604



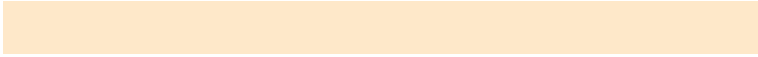
83.0011, 0.2786, 0.3269



83.0011, 0.3114, 0.2999

Complementary

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



83.0011, 0.3485, 0.3604



72.3075, 0.2792, 0.2955

Split Complementary

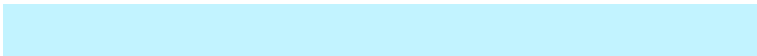
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0011, 0.2916, 0.2943



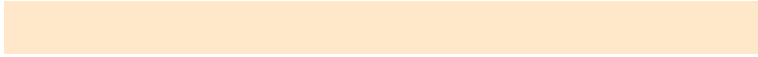
83.0011, 0.3485, 0.3604



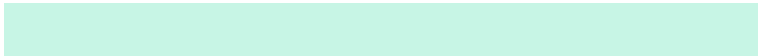
83.0011, 0.2731, 0.3090

Square

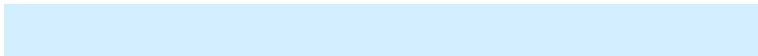
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0011, 0.3485, 0.3604



83.0011, 0.2930, 0.3461



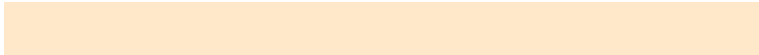
83.0011, 0.2778, 0.2974



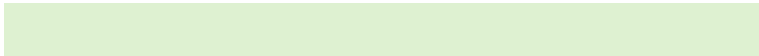
83.0011, 0.3322, 0.3126

Rectangle

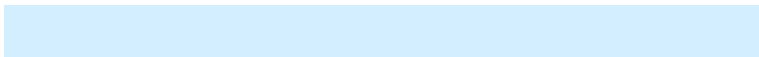
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0011, 0.3485, 0.3604



83.0011, 0.3200, 0.3636



83.0011, 0.2778, 0.2974



83.0011, 0.3044, 0.2971

Sweetspot

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



83.0048, 0.3485, 0.3604



95.0765, 0.3221, 0.3377



68.1628, 0.3377, 0.3066



20.2383, 0.3232, 0.3387



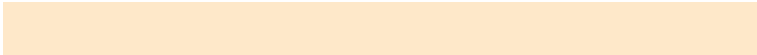
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



83.0048, 0.3485, 0.3604



80.8472, 0.3567, 0.3669



95.3163, 0.3413, 0.3817



19.7555, 0.3280, 0.3429



22.7047, 0.5160, 0.4285



2.4263, 0.5020, 0.4396

Inverse Universe

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



72.3075, 0.2792, 0.2955



68.2930, 0.2722, 0.2878



61.9581, 0.2805, 0.2714



18.6137, 0.2979, 0.3147



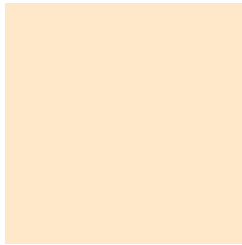
9.3958, 0.1695, 0.1301



1.1242, 0.1756, 0.1523

Previews

White Background



This preview shows how the Yxy color 83.0011, 0.3485, 0.3604 looks on a white background.

Color Contrast Check

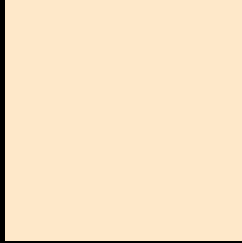
Large Text (above 18pt) WCAG AA × Fail

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 83.0011, 0.3485, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

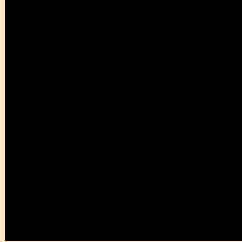
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.0011, 0.3485, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 83.0011, 0.3485, 0.3604.

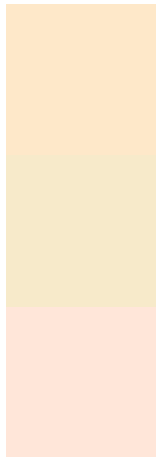


This preview shows how white text looks on a background with the Yxy color 83.0011, 0.3485, 0.3604.

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

83.0011, 0.3485, 0.3604

Protanopia

82.8841, 0.3424, 0.3618

Deuteranopia

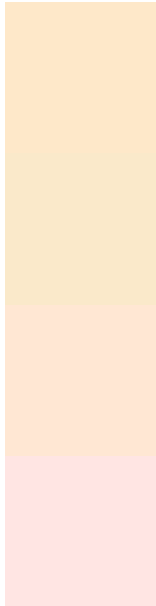
82.8634, 0.3388, 0.3421



Tritanopia

83.1576, 0.3223, 0.3153

Trichromacy



Original Color

83.0011, 0.3485, 0.3604

Protanomaly

82.8661, 0.3448, 0.3606

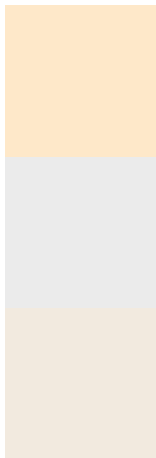
Deuteranomaly

83.1150, 0.3427, 0.3491

Tritanomaly

82.8447, 0.3322, 0.3310

Monochromacy



Original Color

83.0011, 0.3485, 0.3604

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.0506, 0.3252, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0011, 0.3485, 0.3604 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(254, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 201)  
}
```

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(254, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 201) }
```

Border

The CSS property to change the border of an element to Yxy 83.0011, 0.3485, 0.3604 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(254, 232, 201) }
```

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

```
.border{ border-color:rgb(254, 232, 201) }
```

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

Here you see how a box with a 4 pixel rgb(254, 232, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0011, 0.3485, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 201) }
```

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

```
.background{ background-color: rgb(254,  
232, 201) }
```

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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