

Converting Colors

$Yxy(83.2683, 0.3406, 0.3537)$

Have a look what the booklet for
Yxy(83.2683, 0.3406, 0.3537)
contains.

Yxy(83.2053, 0.3401, 0.3534)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(83.2053, 0.3401, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FAE9D1
RGB	250, 233, 209
RGB Percent	98%, 91%, 82%
CMY	0.0196, 0.0863, 0.1804
CMYK	0.00, 0.07, 0.16, 0.02
HSL	35°, 80%, 90%
HSV	35°, 16%, 98%
XYZ	80.0739, 83.2053, 72.1631
YIQ	235.3470, 17.8360, -3.8600

Conversions

Conversions Part 2

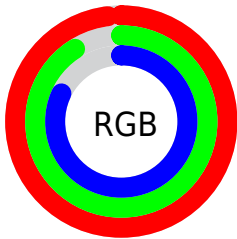
Format	Color
R _Y B	238, 250, 209
Decimal	16443857
CIE Lab	93.10, 1.95, 13.74
CIE LCh	93, 13.875, 81.905
Yxy	83.2053, 0.3401, 0.3534
Android (android.graphics.Color)	4294633937 (0xFFFAE9D1)
YUV	235.3470, -12.9891, 12.8507
Hunter-Lab	91.2169, -2.9351, 16.9467

Details

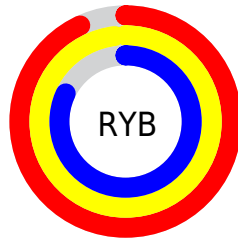
The Yxy color **83.2053, 0.3401, 0.3534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8556, 0.2867, 0.3033**, and the grayscale version is **83.4497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1483, 0.3457, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **76.3674, 0.3594, 0.3691**, and if you desaturate by 10%, it is **90.5899, 0.3228, 0.3383**.

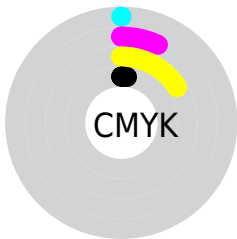
Distribution



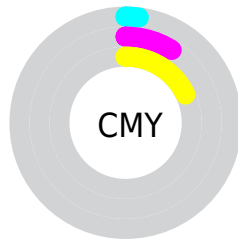
- Red (98%)
- Green (91%)
- Blue (82%)



- Red (93%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.2053, 0.3401, 0.3534 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 83.2053, 0.3401, 0.3534 by changing the saturation by 10% instead.


 83.2053, 0.3401,
0.3534

 83.2053, 0.3401,
0.3534


505.6705, 0.3277,
0.3424

 62.3595, 0.3429,
0.3558


137.8630, 0.3359,
0.3497

 45.3233, 0.3463,
0.3588


172.4436, 0.3342,
0.3482

 31.7121, 0.3505,
0.3625


212.3714, 0.3327,
0.3469

 21.1417, 0.3559,
0.3672

258.0307, 0.3315,
0.3458

 13.2276, 0.3632,
0.3735

309.8058, 0.3304,
0.3448

 7.5855, 0.3733,
0.3821

368.0812, 0.3294,

 3.8309, 0.3883,

0.3439

0.3947

433.2413, 0.3285,
0.3431

1.5794, 0.4170,
0.4188

0.3437, 0.5214,
0.4786

83.2053, 0.3401,
0.3534

83.2053, 0.3401,
0.3534

76.3674, 0.3594,
0.3691

90.5899, 0.3228,
0.3383

70.0500, 0.3807,
0.3849

98.2634, 0.3097,
0.3278

64.2413, 0.4036,
0.4000

99.0654, 0.3096,
0.3290

58.9242, 0.4276,
0.4135

■ 54.0807, 0.4518,
0.4243

■ 49.6908, 0.4749,
0.4311

■ 45.7320, 0.4955,
0.4328

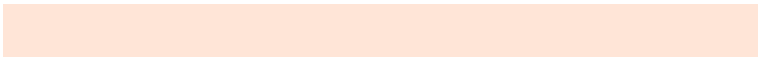
■ 42.1779, 0.5126,
0.4290

■ 40.9855, 0.5181,
0.4268

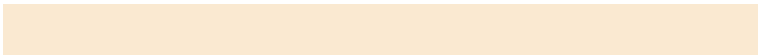
Harmonies

Analogous

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



83.2053, 0.3444, 0.3432



83.2053, 0.3401, 0.3534



83.2053, 0.3284, 0.3572

Triad

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



83.2053, 0.3401, 0.3534



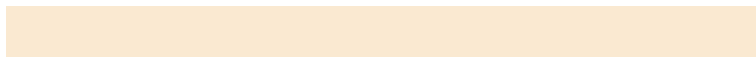
83.2053, 0.2862, 0.3273



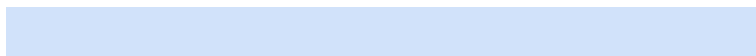
83.2053, 0.3121, 0.3065

Complementary

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



83.2053, 0.3401, 0.3534



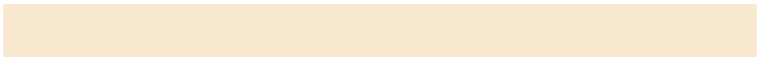
74.8556, 0.2867, 0.3033

Split Complementary

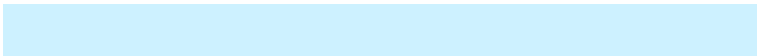
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2053, 0.2967, 0.3021



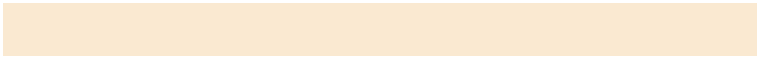
83.2053, 0.3401, 0.3534



83.2053, 0.2820, 0.3136

Square

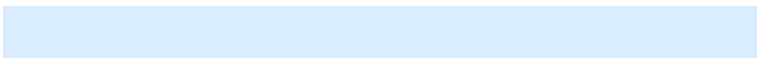
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2053, 0.3401, 0.3534



83.2053, 0.2973, 0.3419



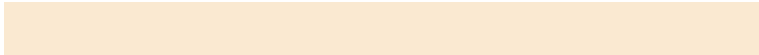
83.2053, 0.2858, 0.3045



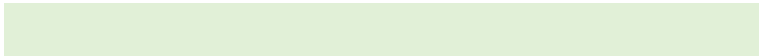
83.2053, 0.3280, 0.3165

Rectangle

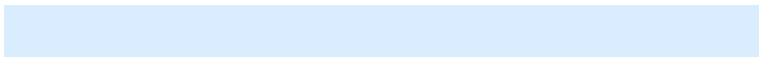
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.2053, 0.3401, 0.3534



83.2053, 0.3181, 0.3553



83.2053, 0.2858, 0.3045



83.2053, 0.3067, 0.3043

Sweetspot

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



83.2090, 0.3401, 0.3534



95.8786, 0.3205, 0.3362



71.4243, 0.3315, 0.3116



20.4005, 0.3216, 0.3372



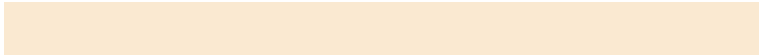
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

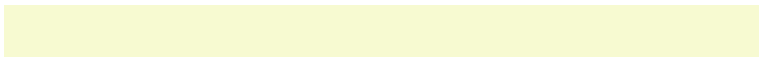
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2090, 0.3401, 0.3534



84.3803, 0.3469, 0.3590



92.6793, 0.3351, 0.3702



18.9135, 0.3279, 0.3429



22.0292, 0.5161, 0.4284



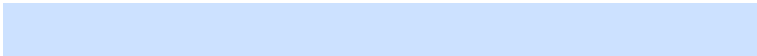
2.2494, 0.5013, 0.4401

Inverse Universe

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



74.8556, 0.2867, 0.3033



73.9885, 0.2807, 0.2970



66.5653, 0.2882, 0.2849



17.8255, 0.2979, 0.3147



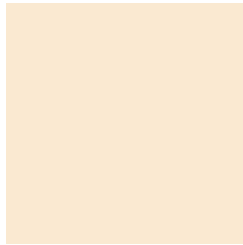
9.1458, 0.1696, 0.1304



1.0507, 0.1760, 0.1537

Previews

White Background



This preview shows how the Yxy color 83.2053, 0.3401, 0.3534 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 83.2053, 0.3401, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

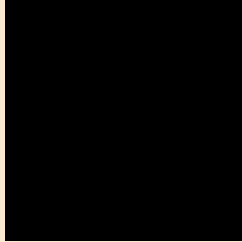
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

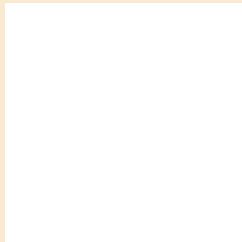
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.2053, 0.3401, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 83.2053, 0.3401, 0.3534.

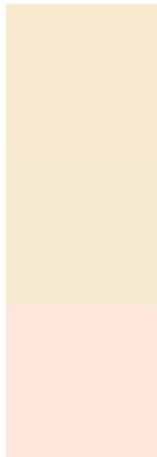


This preview shows how white text looks on a background with the Yxy color 83.2053, 0.3401, 0.3534.

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

83.2053, 0.3401, 0.3534

Protanopia

82.9113, 0.3357, 0.3536

Deuteranopia

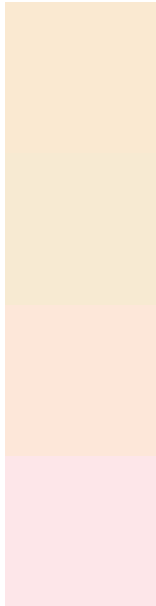
83.0741, 0.3361, 0.3380



Tritanopia

83.4006, 0.3197, 0.3114

Trichromacy



Original Color

83.2053, 0.3401, 0.3534

Protanomaly

83.2729, 0.3371, 0.3535

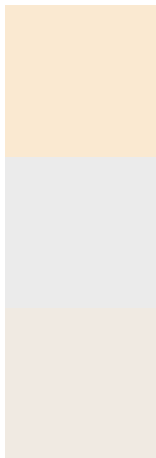
Deuteranomaly

83.0442, 0.3372, 0.3431

Tritanomaly

83.3595, 0.3267, 0.3261

Monochromacy



Original Color

83.2053, 0.3401, 0.3534

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.8619, 0.3218, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.2053, 0.3401, 0.3534 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(250, 233, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 233, 209)  
}
```

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(250, 233, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 233, 209) }
```

Border

The CSS property to change the border of an element to Yxy 83.2053, 0.3401, 0.3534 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(250, 233, 209) }
```

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

```
.border{ border-color:rgb(250, 233, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 233, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 233, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 233, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 233,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2053, 0.3401, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 233, 209) }
```

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

```
.background{ background-color: rgb(250,  
233, 209) }
```

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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