

Converting Colors

$Yxy(80.8600, 0.3392, 0.3544)$

Have a look what the booklet for
Yxy(80.8600, 0.3392, 0.3544)
contains.

Yxy(81.0205, 0.3388, 0.3548)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.0205, 0.3388, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	F5E7CE
RGB	245, 231, 206
RGB Percent	96%, 91%, 81%
CMY	0.0393, 0.0941, 0.1921
CMYK	0.00, 0.06, 0.16, 0.04
HSL	38°, 66%, 88%
HSV	38°, 16%, 96%
XYZ	77.3668, 81.0205, 69.9681
YIQ	232.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

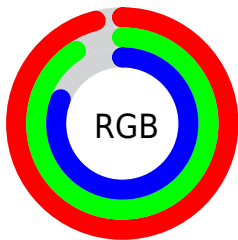
Format	Color
RYB	228, 245, 206
Decimal	16115662
CIELab	92.14, 0.72, 13.86
CIELCh	92, 13.881, 87.011
Yxy	81.0205, 0.3388, 0.3548
Android (android.graphics.Color)	4294305742 (0xFFFF5E7CE)
YUV	232.3360, -12.9836, 11.1063
Hunter-Lab	90.0114, -4.0952, 16.9204

Details

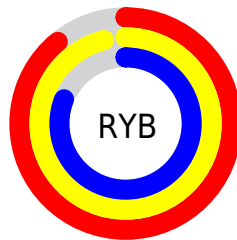
The Yxy color **81.0205, 0.3388, 0.3548** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.8922, 0.2875, 0.3018**, and the grayscale version is **81.0514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1365, 0.3448, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **75.1327, 0.3575, 0.3718**, and if you desaturate by 10%, it is **87.3475, 0.3219, 0.3383**.

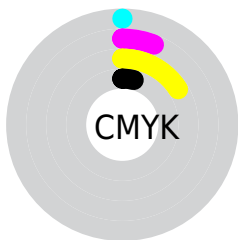
Distribution



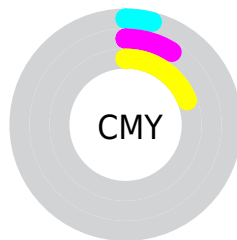
- Red (96%)
- Green (91%)
- Blue (81%)



- Red (89%)
- Yellow (96%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0205, 0.3388, 0.3548 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 81.0205, 0.3388, 0.3548 by changing the saturation by 10% instead.


 81.0205, 0.3388,
0.3548

 81.0205, 0.3388,
0.3548


498.3654, 0.3269,
0.3431

 60.5585, 0.3415,
0.3574


134.7996, 0.3347,
0.3508

 43.8689, 0.3447,
0.3606


168.8854, 0.3331,
0.3492

 30.5675, 0.3488,
0.3646


208.2813, 0.3318,
0.3479

 20.2697, 0.3540,
0.3697

253.3716, 0.3306,
0.3467

 12.5913, 0.3610,
0.3766

304.5408, 0.3295,
0.3456

 7.1477, 0.3709,
0.3861

362.1732, 0.3285,

 3.5546, 0.3855,

0.3447

426.6533, 0.3277,
0.3439

0.4003

■ 1.4277, 0.4182,
0.4322

■ 0.2370, 0.5062,
0.4938

■ 81.0205, 0.3388,
0.3548

■ 81.0205, 0.3388,
0.3548

■ 75.1327, 0.3575,
0.3718

■ 87.3475, 0.3219,
0.3383

■ 69.6613, 0.3777,
0.3890

■ 94.1132, 0.3067,
0.3227

■ 64.5968, 0.3992,
0.4054

■ 98.1470, 0.3066,
0.3290

■ 59.9256, 0.4213,
0.4202

■ 55.6325, 0.4431,
0.4323

■ 51.7011, 0.4637,
0.4405

■ 48.1126, 0.4817,
0.4437

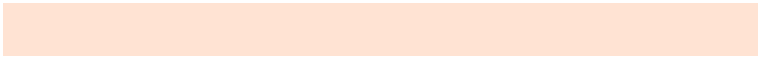
■ 44.8445, 0.4964,
0.4416

■ 43.5840, 0.5018,
0.4398

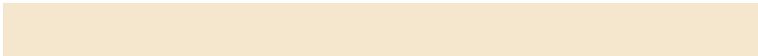
Harmonies

Analogous

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



81.0205, 0.3446, 0.3454



81.0205, 0.3388, 0.3548



81.0205, 0.3260, 0.3573

Triad

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



81.0205, 0.3388, 0.3548



81.0205, 0.2847, 0.3247



81.0205, 0.3149, 0.3077

Complementary

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



81.0205, 0.3388, 0.3548



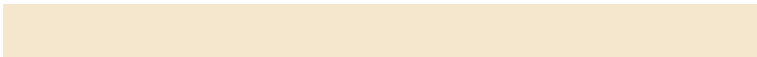
70.8922, 0.2875, 0.3018

Split Complementary

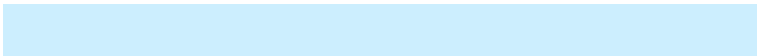
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0205, 0.2990, 0.3021



81.0205, 0.3388, 0.3548



81.0205, 0.2819, 0.3114

Square

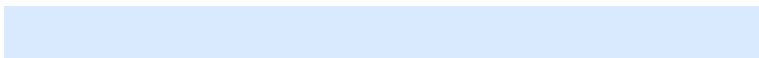
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0205, 0.3388, 0.3548



81.0205, 0.2949, 0.3396



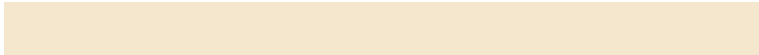
81.0205, 0.2870, 0.3034



81.0205, 0.3306, 0.3185

Rectangle

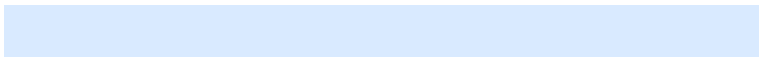
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0205, 0.3388, 0.3548



81.0205, 0.3154, 0.3545



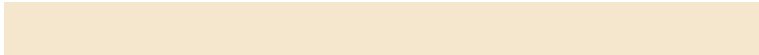
81.0205, 0.2870, 0.3034



81.0205, 0.3094, 0.3051

Sweetspot

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



81.0241, 0.3388, 0.3548



96.3253, 0.3205, 0.3369



68.7451, 0.3322, 0.3142



20.5091, 0.3216, 0.3380



0.0000, 0.0000, 0.0000



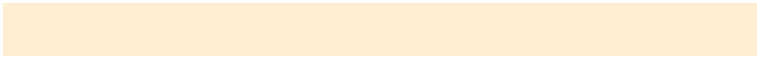
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0241, 0.3388, 0.3548



86.6817, 0.3445, 0.3601



88.2301, 0.3331, 0.3690



18.2563, 0.3277, 0.3442



23.7576, 0.5001, 0.4411



2.2820, 0.4873, 0.4513

Inverse Universe

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



70.8922, 0.2875, 0.3018



73.6845, 0.2822, 0.2958



64.6264, 0.2904, 0.2866



16.8986, 0.2980, 0.3134



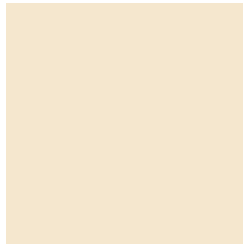
7.5309, 0.1651, 0.1144



0.8491, 0.1720, 0.1393

Previews

White Background



This preview shows how the Yxy color 81.0205, 0.3388, 0.3548 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 81.0205, 0.3388, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

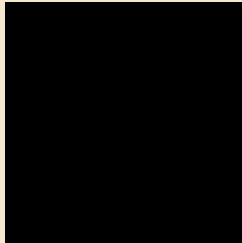
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

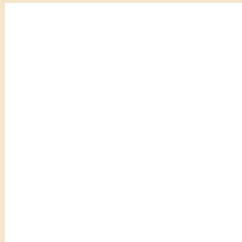
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0205, 0.3388, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 81.0205, 0.3388, 0.3548.

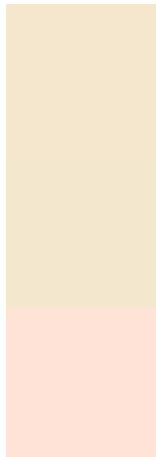


This preview shows how white text looks on a background with the Yxy color 81.0205, 0.3388, 0.3548.

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

81.0205, 0.3388, 0.3548

Protanopia

81.2241, 0.3372, 0.3559

Deuteranopia

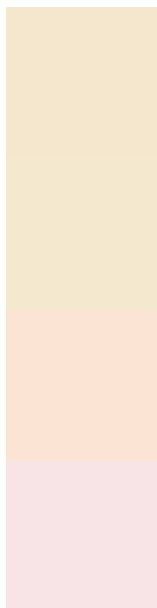
81.1045, 0.3406, 0.3411



Tritanopia

81.1878, 0.3183, 0.3122

Trichromacy



Original Color

81.0205, 0.3388, 0.3548

Protanomaly

81.4026, 0.3380, 0.3559

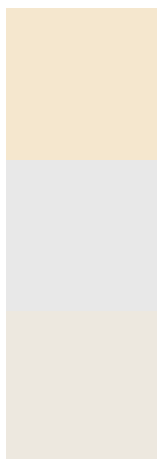
Deuteranomaly

80.7495, 0.3396, 0.3453

Tritanomaly

81.1564, 0.3253, 0.3270

Monochromacy



Original Color

81.0205, 0.3388, 0.3548

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0455, 0.3219, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0205, 0.3388, 0.3548 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(245, 231, 206)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 206)  
}
```

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(245, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 206) }
```

Border

The CSS property to change the border of an element to Yxy 81.0205, 0.3388, 0.3548 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(245, 231, 206) }
```

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

```
.border{ border-color:rgb(245, 231, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 231, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0205, 0.3388, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 206) }
```

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

```
.background{ background-color: rgb(245,  
231, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor