

Converting Colors

$Yxy(82.1073, 0.3368, 0.3453)$

Have a look what the booklet for
Yxy(82.1073, 0.3368, 0.3453)
contains.

Yxy(82.3821, 0.3364, 0.3453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.3821, 0.3364, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	FAE7D7
RGB	250, 231, 215
RGB Percent	98%, 91%, 84%
CMY	0.0197, 0.0941, 0.1570
CMYK	0.00, 0.08, 0.14, 0.02
HSL	27°, 78%, 91%
HSV	27°, 14%, 98%
XYZ	80.2587, 82.3821, 75.9404
YIQ	234.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

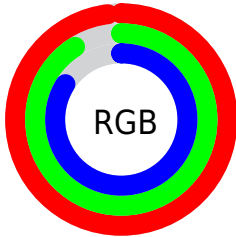
Format	Color
R _Y B	250, 244, 215
Decimal	16443351
CIE Lab	92.74, 3.87, 10.12
CIE LCh	93, 10.839, 69.065
Yxy	82.3821, 0.3364, 0.3453
Android (android.graphics.Color)	4294633431 (0xFFFAE7D7)
YUV	234.8570, -9.7895, 13.2804
Hunter-Lab	90.7646, -0.9991, 13.9288

Details

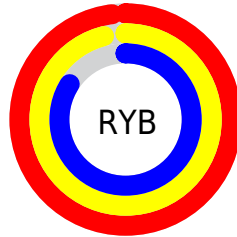
The Yxy color **82.3821, 0.3364, 0.3453** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.1567, 0.2908, 0.3121**, and the grayscale version is **83.0295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5355, 0.3418, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **73.9058, 0.3564, 0.3577**, and if you desaturate by 10%, it is **91.6488, 0.3190, 0.3335**.

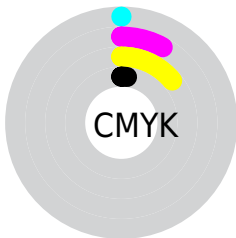
Distribution



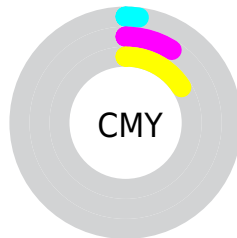
- Red (98%)
- Green (91%)
- Blue (84%)



- Red (98%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3821, 0.3364, 0.3453 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 82.3821, 0.3364, 0.3453 by changing the saturation by 10% instead.

 82.3821, 0.3364,
0.3453

 82.3821, 0.3364,
0.3453

502.9249, 0.3256,
0.3380

 61.6805, 0.3388,
0.3469


136.7097, 0.3327,
0.3428

 44.7746, 0.3418,
0.3489

171.1045, 0.3313,
0.3418

 31.2799, 0.3455,
0.3513


210.8326, 0.3300,
0.3410

 20.8121, 0.3503,
0.3545

256.2783, 0.3289,
0.3402

 12.9867, 0.3567,
0.3586

307.8259, 0.3279,
0.3396

 7.4194, 0.3658,
0.3643

365.8600, 0.3271,

 3.7258, 0.3795,

0.3390

0.3727

430.7649, 0.3263,
0.3385

■ 1.5214, 0.4030,
0.3866

■ 0.3037, 0.5579,
0.4421

■ 82.3821, 0.3364,
0.3453

■ 82.3821, 0.3364,
0.3453

■ 73.9058, 0.3564,
0.3577

■ 91.6488, 0.3190,
0.3335

■ 66.1869, 0.3792,
0.3703

■ 99.0613, 0.3096,
0.3290

■ 59.2058, 0.4047,
0.3825

■ 52.9378, 0.4327,
0.3936

■ 47.3568, 0.4623,
0.4023

■ 42.4344, 0.4919,
0.4074

■ 38.1395, 0.5197,
0.4076

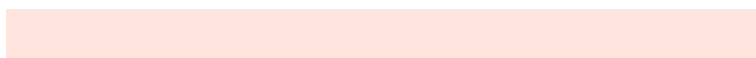
■ 34.4366, 0.5436,
0.4022

■ 32.4779, 0.5559,
0.3968

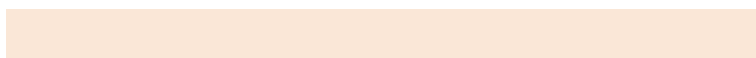
Harmonies

Analogous

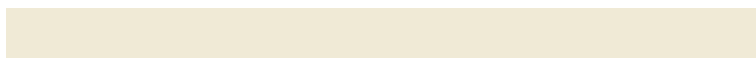
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3821, 0.3368, 0.3359



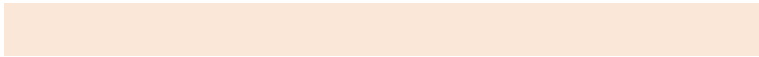
82.3821, 0.3364, 0.3453



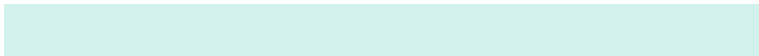
82.3821, 0.3295, 0.3505

Triad

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



82.3821, 0.3364, 0.3453



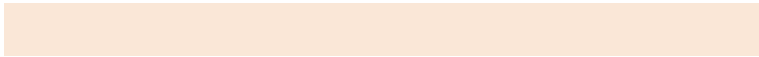
82.3821, 0.2951, 0.3327



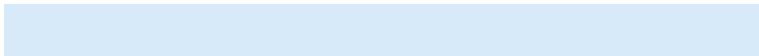
82.3821, 0.3069, 0.3091

Complementary

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



82.3821, 0.3364, 0.3453



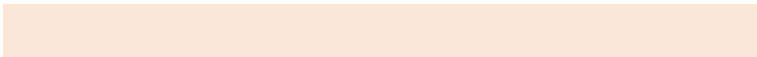
80.1567, 0.2908, 0.3121

Split Complementary

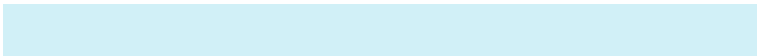
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3821, 0.2959, 0.3080



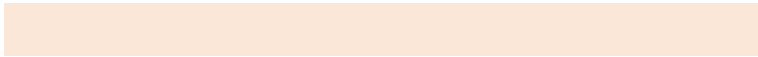
82.3821, 0.3364, 0.3453



82.3821, 0.2892, 0.3213

Square

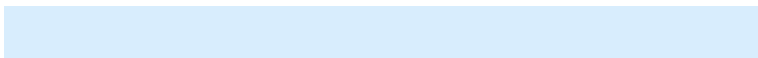
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



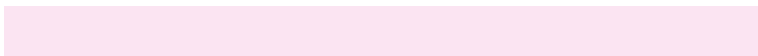
82.3821, 0.3364, 0.3453



82.3821, 0.3056, 0.3433



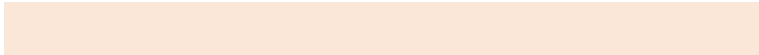
82.3821, 0.2895, 0.3123



82.3821, 0.3196, 0.3153

Rectangle

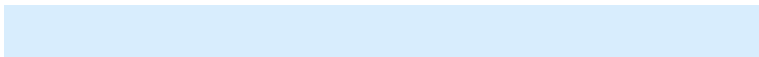
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3821, 0.3364, 0.3453



82.3821, 0.3223, 0.3508



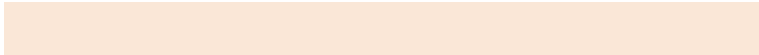
82.3821, 0.2895, 0.3123



82.3821, 0.3029, 0.3081

Sweetspot

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



82.3858, 0.3364, 0.3453



95.8848, 0.3190, 0.3335



74.8610, 0.3251, 0.3096



20.3609, 0.3202, 0.3344



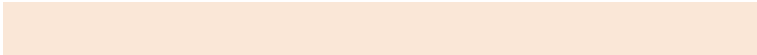
0.0000, 0.0000, 0.0000



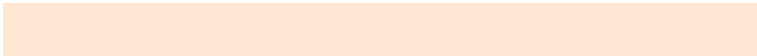
21.4041, 0.3127, 0.3290

Same Dimension

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



82.3858, 0.3364, 0.3453



83.4348, 0.3421, 0.3490



92.5054, 0.3340, 0.3621



18.5355, 0.3282, 0.3399



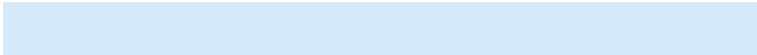
17.5096, 0.5532, 0.3990



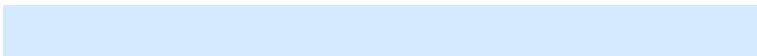
1.8309, 0.5332, 0.4149

Inverse Universe

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



80.1567, 0.2908, 0.3121



80.6607, 0.2860, 0.3082



70.8262, 0.2902, 0.2936



18.2013, 0.2980, 0.3179



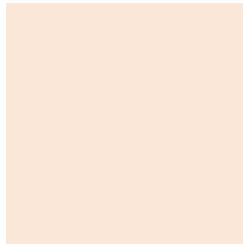
13.2113, 0.1810, 0.1717



1.4357, 0.1867, 0.1920

Previews

White Background



This preview shows how the Yxy color 82.3821, 0.3364, 0.3453 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 82.3821, 0.3364, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

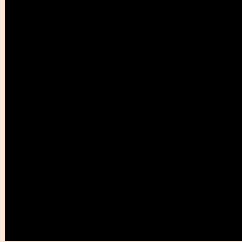
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3821, 0.3364, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 82.3821, 0.3364, 0.3453.

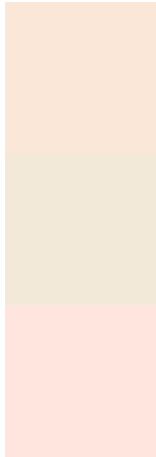


This preview shows how white text looks on a background with the Yxy color 82.3821, 0.3364, 0.3453.

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

82.3821, 0.3364, 0.3453

Protanopia

82.2904, 0.3305, 0.3465

Deuteranopia

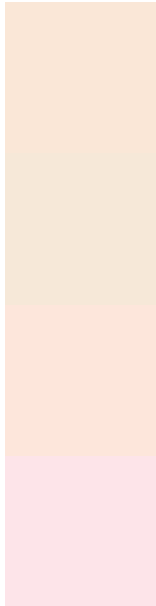
82.5725, 0.3355, 0.3360



Tritanopia

82.5407, 0.3204, 0.3123

Trichromacy



Original Color

82.3821, 0.3364, 0.3453

Protanomaly

82.2639, 0.3328, 0.3454

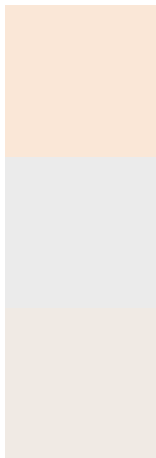
Deuteranomaly

82.5907, 0.3360, 0.3401

Tritanomaly

82.2526, 0.3269, 0.3241

Monochromacy



Original Color

82.3821, 0.3364, 0.3453

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9723, 0.3206, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3821, 0.3364, 0.3453 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, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 215)  
}
```

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, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 215) }
```

Border

The CSS property to change the border of an element to Yxy 82.3821, 0.3364, 0.3453 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, 231, 215) }
```

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

```
.border{ border-color:rgb(250, 231, 215) }
```

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

Here you see how a box with a 4 pixel rgb(250, 231, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3821, 0.3364, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 215) }
```

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

```
.background{ background-color: rgb(250,  
231, 215) }
```

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