

Converting Colors

Yxy(81.0585, 0.3387, 0.3486)

Have a look what the booklet for
Yxy(81.0585, 0.3387, 0.3486)
contains.

Yxy(81.3865, 0.3392, 0.3494)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.3865, 0.3392, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	F9E6D2
RGB	249, 230, 210
RGB Percent	98%, 90%, 82%
CMY	0.0234, 0.0981, 0.1764
CMYK	0.00, 0.08, 0.16, 0.02
HSL	31°, 77%, 90%
HSV	31°, 16%, 98%
XYZ	79.0106, 81.3865, 72.5351
YIQ	233.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

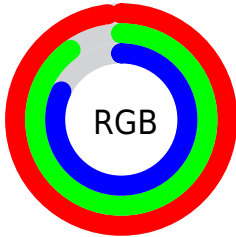
Format	Color
R _Y B	247, 249, 210
Decimal	16377554
CIE Lab	92.30, 3.31, 12.06
CIE LCh	92, 12.502, 74.666
Yxy	81.3865, 0.3392, 0.3494
Android (android.graphics.Color)	4294567634 (0xFFFF9E6D2)
YUV	233.4010, -11.5367, 13.6803
Hunter-Lab	90.2145, -1.5435, 15.4792

Details

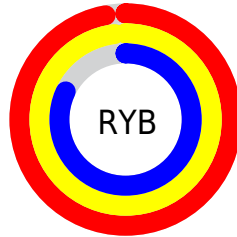
The Yxy color **81.3865, 0.3392, 0.3494** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6324, 0.2880, 0.3077**, and the grayscale version is **81.8890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2667, 0.3444, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **73.7088, 0.3591, 0.3632**, and if you desaturate by 10%, it is **89.7370, 0.3217, 0.3362**.

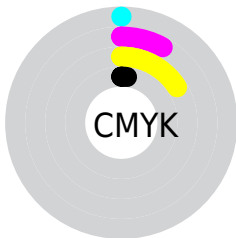
Distribution



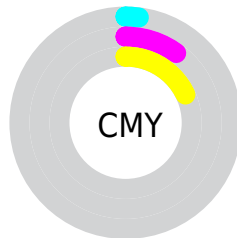
- Red (98%)
- Green (90%)
- Blue (82%)



- Red (97%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3865, 0.3392, 0.3494 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 81.3865, 0.3392, 0.3494 by changing the saturation by 10% instead.


 81.3865, 0.3392,
0.3494

 81.3865, 0.3392,
0.3494


499.5932, 0.3271,
0.3402

 60.8600, 0.3419,
0.3514


135.3133, 0.3351,
0.3463

 44.1122, 0.3452,
0.3539


169.4824, 0.3334,
0.3450

 30.7587, 0.3494,
0.3570


208.9678, 0.3320,
0.3440

 20.4152, 0.3548,
0.3610

254.1539, 0.3308,
0.3430

 12.6972, 0.3620,
0.3662

305.4251, 0.3297,
0.3422

 7.2204, 0.3722,
0.3735

363.1658, 0.3288,

 3.6003, 0.3875,

0.3415

0.3841

427.7604, 0.3279,
0.3408

■ 1.4526, 0.4169,
0.4048

■ 0.2550, 0.5589,
0.4411

■ 81.3865, 0.3392,
0.3494

■ 81.3865, 0.3392,
0.3494

■ 73.7088, 0.3591,
0.3632

■ 89.7370, 0.3217,
0.3362

■ 66.6746, 0.3815,
0.3771

■ 98.4515, 0.3091,
0.3283

■ 60.2679, 0.4061,
0.3906

■ 98.8878, 0.3090,
0.3290

■ 54.4681, 0.4325,
0.4026

■ 49.2531, 0.4598,
0.4121

■ 44.5988, 0.4866,
0.4176

■ 40.4784, 0.5112,
0.4181

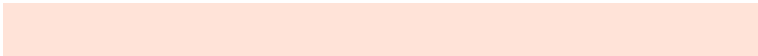
■ 36.8611, 0.5319,
0.4129

■ 35.4343, 0.5400,
0.4095

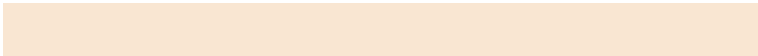
Harmonies

Analogous

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



81.3865, 0.3412, 0.3392



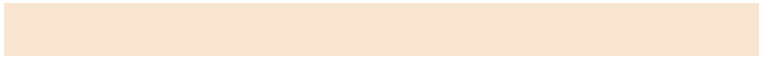
81.3865, 0.3392, 0.3494



81.3865, 0.3300, 0.3544

Triad

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



81.3865, 0.3392, 0.3494



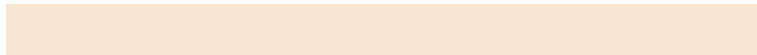
81.3865, 0.2905, 0.3307



81.3865, 0.3086, 0.3070

Complementary

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



81.3865, 0.3392, 0.3494



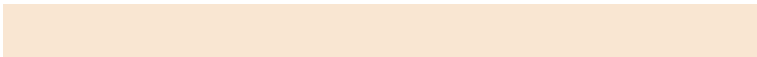
76.6324, 0.2880, 0.3077

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.



81.3865, 0.2953, 0.3045



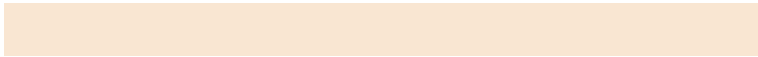
81.3865, 0.3392, 0.3494



81.3865, 0.2851, 0.3178

Square

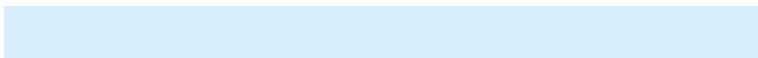
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3865, 0.3392, 0.3494



81.3865, 0.3019, 0.3436



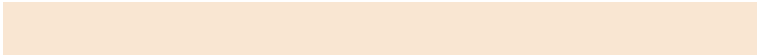
81.3865, 0.2868, 0.3083



81.3865, 0.3233, 0.3151

Rectangle

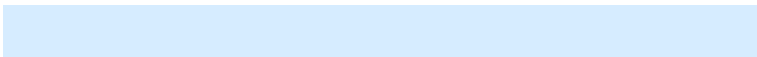
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3865, 0.3392, 0.3494



81.3865, 0.3212, 0.3538



81.3865, 0.2868, 0.3083



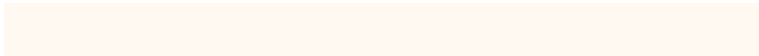
81.3865, 0.3038, 0.3055

Sweetspot

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



81.3901, 0.3392, 0.3494



95.2971, 0.3206, 0.3353



71.9421, 0.3282, 0.3092



20.2591, 0.3217, 0.3362



0.0000, 0.0000, 0.0000



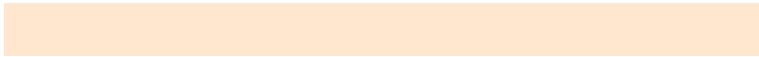
21.4041, 0.3127, 0.3290

Same Dimension

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



81.3901, 0.3392, 0.3494



83.0843, 0.3456, 0.3540



92.5807, 0.3363, 0.3680



18.6937, 0.3281, 0.3412



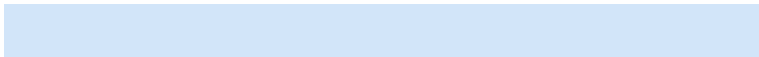
19.2457, 0.5375, 0.4114



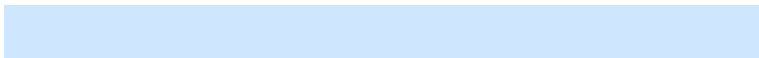
1.9948, 0.5196, 0.4256

Inverse Universe

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



76.6324, 0.2880, 0.3077



77.1323, 0.2826, 0.3027



66.6553, 0.2872, 0.2868



18.0426, 0.2980, 0.3165



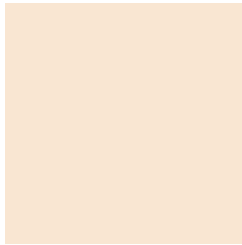
11.3426, 0.1760, 0.1537



1.2620, 0.1821, 0.1755

Previews

White Background



This preview shows how the Yxy color 81.3865, 0.3392, 0.3494 looks on a white background.

Color Contrast Check

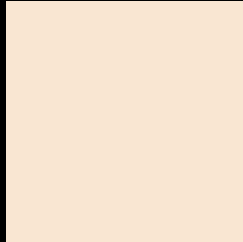
Large Text (above 18pt) WCAG AA × Fail

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 81.3865, 0.3392, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

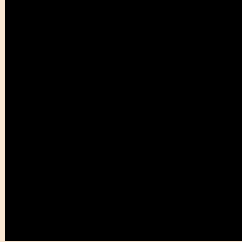
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.3865, 0.3392, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 81.3865, 0.3392, 0.3494.

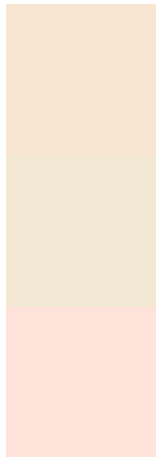


This preview shows how white text looks on a background with the Yxy color 81.3865, 0.3392, 0.3494.

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

81.3865, 0.3392, 0.3494

Protanopia

81.2936, 0.3332, 0.3507

Deuteranopia

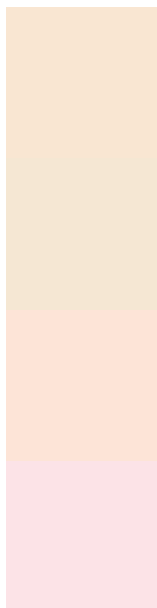
81.2601, 0.3385, 0.3381



Tritanopia

81.2041, 0.3205, 0.3113

Trichromacy



Original Color

81.3865, 0.3392, 0.3494

Protanomaly

81.2675, 0.3355, 0.3496

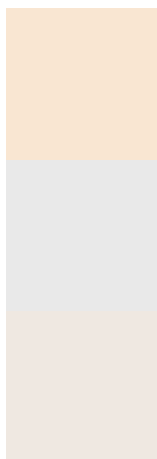
Deuteranomaly

81.2757, 0.3390, 0.3422

Tritanomaly

81.4031, 0.3276, 0.3251

Monochromacy



Original Color

81.3865, 0.3392, 0.3494

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.5002, 0.3220, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3865, 0.3392, 0.3494 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(249, 230, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 210)  
}
```

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(249, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 210) }
```

Border

The CSS property to change the border of an element to Yxy 81.3865, 0.3392, 0.3494 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(249, 230, 210) }
```

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

```
.border{ border-color:rgb(249, 230, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 230, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3865, 0.3392, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 210) }
```

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

```
.background{ background-color: rgb(249,  
230, 210) }
```

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