

Converting Colors

$Yxy(83.0738, 0.3381, 0.3526)$

Have a look what the booklet for
Yxy(83.0738, 0.3381, 0.3526)
contains.

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Color

Yxy(82.8874, 0.3380, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	F8E9D2
RGB	248, 233, 210
RGB Percent	97%, 91%, 82%
CMY	0.0275, 0.0862, 0.1765
CMYK	0.00, 0.06, 0.15, 0.03
HSL	36°, 73%, 90%
HSV	36°, 15%, 97%
XYZ	79.4778, 82.8874, 72.7763
YIQ	234.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

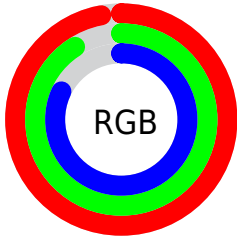
Format	Color
R_{YB}	235, 248, 210
Decimal	16312786
CIE Lab	92.97, 1.38, 13.00
CIE LCh	93, 13.077, 83.948
Yxy	82.8874, 0.3380, 0.3525
Android (android.graphics.Color)	4294502866 (0xFFFF8E9D2)
YUV	234.8630, -12.2575, 11.5211
Hunter-Lab	91.0425, -3.4984, 16.3353

Details

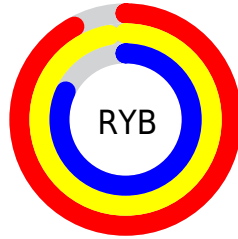
The Yxy color **82.8874, 0.3380, 0.3525** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **74.3079, 0.2885, 0.3043**, and the grayscale version is **83.0543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9209, 0.3430, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **76.3680, 0.3569, 0.3687**, and if you desaturate by 10%, it is **89.9121, 0.3210, 0.3369**.

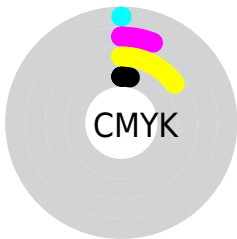
Distribution



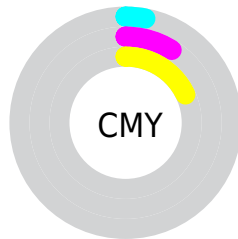
- Red (97%)
- Green (91%)
- Blue (82%)



- Red (92%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8874, 0.3380, 0.3525 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 82.8874, 0.3380, 0.3525 by changing the saturation by 10% instead.


 82.8874, 0.3380,
0.3525

 82.8874, 0.3380,
0.3525


504.6112, 0.3266,
0.3419

 62.0973, 0.3406,
0.3549


137.4177, 0.3341,
0.3489

 45.1113, 0.3437,
0.3577

171.9267, 0.3325,
0.3475

 31.5451, 0.3476,
0.3613


211.7775, 0.3312,
0.3462

 21.0143, 0.3526,
0.3659

257.3544, 0.3300,
0.3451

 13.1344, 0.3594,
0.3720

309.0418, 0.3290,
0.3442

 7.5212, 0.3687,
0.3805

367.2241, 0.3281,

 3.7901, 0.3827,

0.3434

0.3929

432.2858, 0.3273,
0.3426

■ 1.5569, 0.4089,
0.4163

■ 0.3283, 0.5129,
0.4871

■ 82.8874, 0.3380,
0.3525

■ 82.8874, 0.3380,
0.3525

■ 76.3680, 0.3569,
0.3687

■ 89.9121, 0.3210,
0.3369

■ 70.3292, 0.3776,
0.3849

■ 97.1451, 0.3085,
0.3266

■ 64.7602, 0.3999,
0.4007

■ 98.6936, 0.3084,
0.3290

■ 59.6455, 0.4232,
0.4149

■ 54.9684, 0.4465,
0.4264

■ 50.7104, 0.4688,
0.4341

■ 46.8509, 0.4887,
0.4368

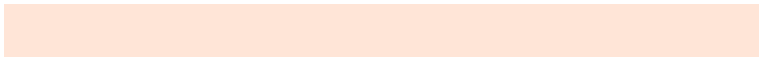
■ 43.3656, 0.5053,
0.4342

■ 41.8487, 0.5121,
0.4316

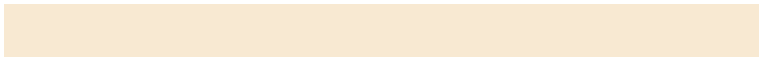
Harmonies

Analogous

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



82.8874, 0.3426, 0.3433



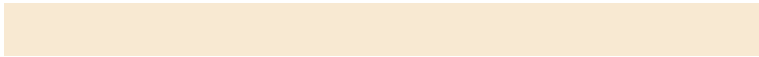
82.8874, 0.3380, 0.3525



82.8874, 0.3266, 0.3555

Triad

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



82.8874, 0.3380, 0.3525



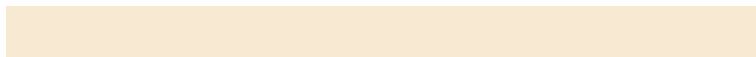
82.8874, 0.2872, 0.3264



82.8874, 0.3132, 0.3082

Complementary

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



82.8874, 0.3380, 0.3525



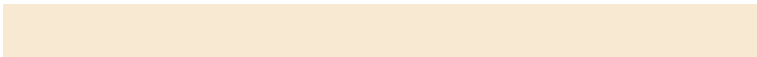
74.3079, 0.2885, 0.3043

Split Complementary

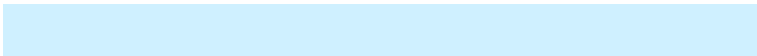
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8874, 0.2985, 0.3037



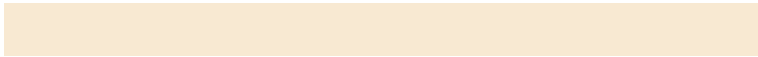
82.8874, 0.3380, 0.3525



82.8874, 0.2837, 0.3137

Square

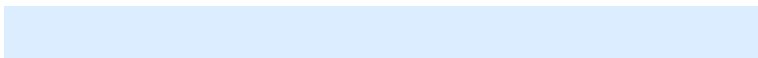
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8874, 0.3380, 0.3525



82.8874, 0.2973, 0.3403



82.8874, 0.2878, 0.3055



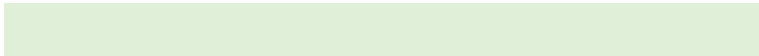
82.8874, 0.3281, 0.3180

Rectangle

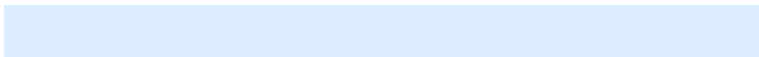
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8874, 0.3380, 0.3525



82.8874, 0.3168, 0.3534



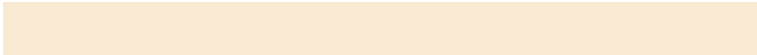
82.8874, 0.2878, 0.3055



82.8874, 0.3081, 0.3060

Sweetspot

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



82.8911, 0.3380, 0.3525



96.0418, 0.3205, 0.3365



71.4894, 0.3305, 0.3135



20.4402, 0.3216, 0.3375



0.0000, 0.0000, 0.0000



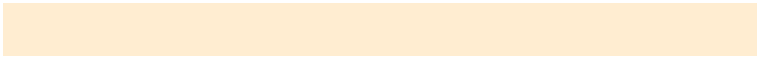
21.4041, 0.3127, 0.3290

Same Dimension

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



82.8911, 0.3380, 0.3525



86.3856, 0.3429, 0.3568



91.0442, 0.3332, 0.3674



18.9754, 0.3279, 0.3434



22.8912, 0.5102, 0.4331



2.3267, 0.4964, 0.4441

Inverse Universe

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



74.3079, 0.2885, 0.3043



75.8312, 0.2840, 0.2995



67.1303, 0.2904, 0.2881



17.7652, 0.2979, 0.3142



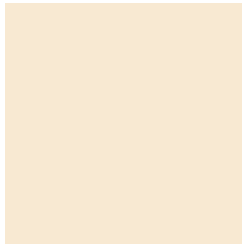
8.6074, 0.1679, 0.1243



0.9972, 0.1744, 0.1478

Previews

White Background



This preview shows how the Yxy color 82.8874, 0.3380, 0.3525 looks on a white background.

Color Contrast Check

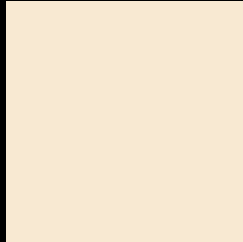
Large Text (above 18pt) WCAG AA × Fail

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 82.8874, 0.3380, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

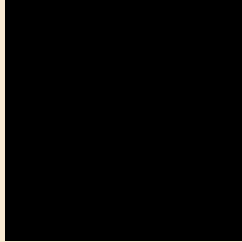
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.8874, 0.3380, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 82.8874, 0.3380, 0.3525.

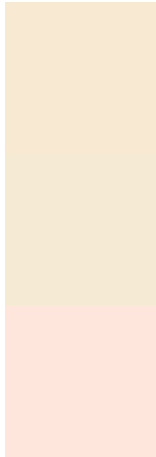


This preview shows how white text looks on a background with the Yxy color 82.8874, 0.3380, 0.3525.

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

82.8874, 0.3380, 0.3525

Protanopia

82.9613, 0.3351, 0.3526

Deuteranopia

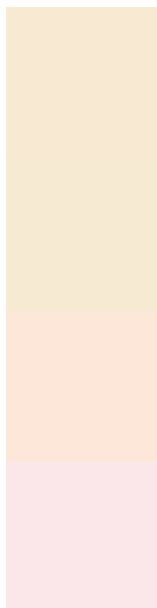
83.0209, 0.3367, 0.3390



Tritanopia

83.0233, 0.3183, 0.3114

Trichromacy



Original Color

82.8874, 0.3380, 0.3525

Protanomaly

83.1416, 0.3358, 0.3525

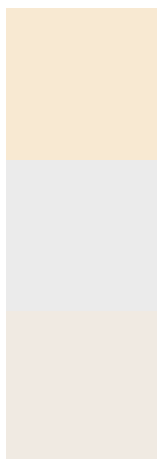
Deuteranomaly

82.8051, 0.3371, 0.3442

Tritanomaly

82.9861, 0.3253, 0.3260

Monochromacy



Original Color

82.8874, 0.3380, 0.3525

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 82.8874, 0.3380, 0.3525 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(248, 233, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 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(248, 233, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 210) }
```

Border

The CSS property to change the border of an element to Yxy 82.8874, 0.3380, 0.3525 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(248, 233, 210) }
```

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

```
.border{ border-color:rgb(248, 233, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 233, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 210);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8874, 0.3380, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 210) }
```

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

```
.background{ background-color: rgb(248,  
233, 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](#).

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