

Converting Colors

$Y_{xy}(82.4915, 0.3547, 0.3845)$

Have a look what the booklet for
Yxy(82.4915, 0.3547, 0.3845)
contains.

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Color

Yxy(82.3869, 0.3547, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBB6
RGB	246, 235, 182
RGB Percent	96%, 92%, 71%
CMY	0.0353, 0.0784, 0.2861
CMYK	0.00, 0.04, 0.26, 0.04
HSL	50°, 78%, 84%
HSV	50°, 26%, 96%
XYZ	76.1601, 82.3869, 56.1700
YIQ	232.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

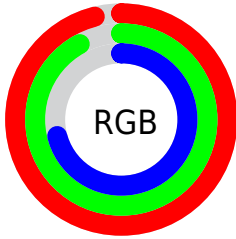
Format	Color
R_{YB}	195, 246, 182
Decimal	16182198
CIE _{Lab}	92.75, -4.32, 27.09
CIE _{LCh}	93, 27.432, 99.065
Yxy	82.3869, 0.3547, 0.3837
Android (android.graphics.Color)	4294372278 (0xFFFF6EBB6)
YUV	232.2470, -24.7718, 12.0614
Hunter-Lab	90.7672, -9.0686, 26.8463

Details

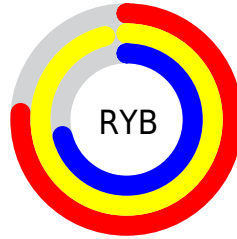
The Yxy color $82.3869, 0.3547, 0.3837$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $54.7616, 0.2689, 0.2676$, and the grayscale version is $81.0708, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.9530, 0.3226, 0.3454$, and $44.6440, 0.3637, 0.3953$ is the 20% darker color. If you saturate the color by 10%, you get $79.0687, 0.3721, 0.4050$, and if you desaturate by 10%, it is $85.9487, 0.3378, 0.3622$.

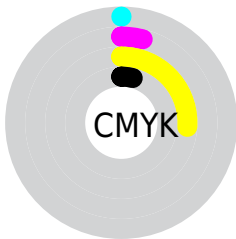
Distribution



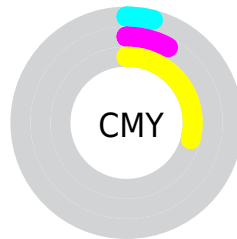
- Red (96%)
- Green (92%)
- Blue (71%)



- Red (76%)
- Yellow (96%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3869, 0.3547, 0.3837 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 82.3869, 0.3547, 0.3837 by changing the saturation by 10% instead.

 82.3869, 0.3547,
0.3837

 82.3869, 0.3547,
0.3837

502.9409, 0.3359,
0.3589

 61.6845, 0.3588,
0.3892


 136.7164, 0.3483,
0.3752

 44.7778, 0.3637,
0.3960


171.1124, 0.3458,
0.3719

 31.2825, 0.3698,
0.4044


210.8416, 0.3436,
0.3690

 20.8140, 0.3775,
0.4150

256.2885, 0.3417,
0.3664

 12.9881, 0.3873,
0.4291

307.8375, 0.3400,
0.3642

 7.4204, 0.4001,
0.4481

365.8730, 0.3385,

 3.7264, 0.4172,

0.3622

0.4748

430.7793, 0.3372,
0.3604

■ 1.5217, 0.4608,
0.5392

■ 0.3039, 0.3763,
0.6237

■ 82.3869, 0.3547,
0.3837

■ 82.3869, 0.3547,
0.3837

■ 79.0687, 0.3721,
0.4050

■ 85.9487, 0.3378,
0.3622

■ 75.9733, 0.3894,
0.4252

■ 89.7520, 0.3218,
0.3412

■ 73.0938, 0.4060,
0.4434

■ 93.7544, 0.3074,
0.3219

■ 70.4184, 0.4211,
0.4584

■ 96.3790, 0.3073,
0.3260

■ 67.9341, 0.4341,
0.4695

■ 98.3317, 0.3072,
0.3290

■ 65.6254, 0.4443,
0.4760

■ 63.4736, 0.4516,
0.4778

■ 62.6440, 0.4540,
0.4777

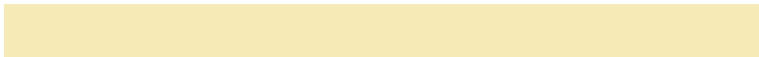
Harmonies

Analogous

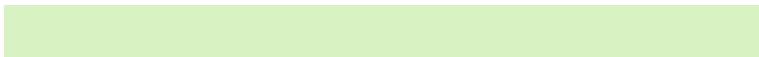
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3869, 0.3729, 0.3687



82.3869, 0.3547, 0.3837



82.3869, 0.3257, 0.3835

Triad

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



82.3869, 0.3547, 0.3837



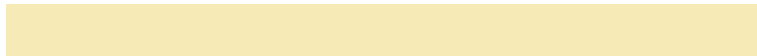
82.3869, 0.2547, 0.3081



82.3869, 0.3295, 0.2955

Complementary

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



82.3869, 0.3547, 0.3837



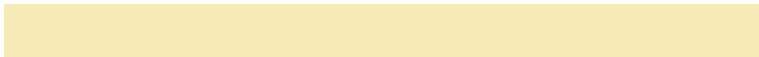
54.7616, 0.2689, 0.2676

Split Complementary

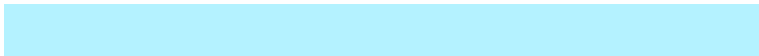
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3869, 0.2974, 0.2806



82.3869, 0.3547, 0.3837



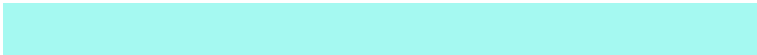
82.3869, 0.2555, 0.2864

Square

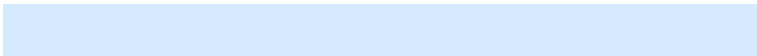
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3869, 0.3547, 0.3837



82.3869, 0.2685, 0.3377



82.3869, 0.2707, 0.2771



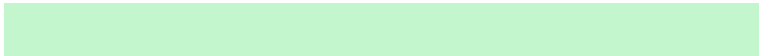
82.3869, 0.3582, 0.3184

Rectangle

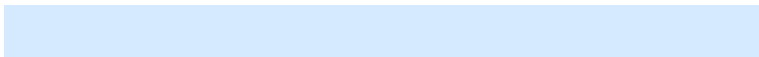
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3869, 0.3547, 0.3837



82.3869, 0.3044, 0.3738



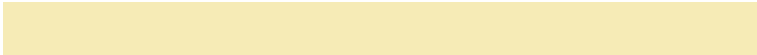
82.3869, 0.2707, 0.2771



82.3869, 0.3187, 0.2895

Sweetspot

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



82.3906, 0.3547, 0.3837



96.5386, 0.3250, 0.3454



56.9528, 0.3583, 0.3166



20.5281, 0.3273, 0.3485



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.



82.3906, 0.3547, 0.3837



87.5492, 0.3635, 0.3946



85.4148, 0.3380, 0.3972



18.8005, 0.3273, 0.3485



33.6218, 0.4533, 0.4783



3.0800, 0.4483, 0.4822

Inverse Universe

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



54.7616, 0.2689, 0.2676



53.0701, 0.2592, 0.2535



52.7280, 0.2822, 0.2574



16.3869, 0.2979, 0.3088



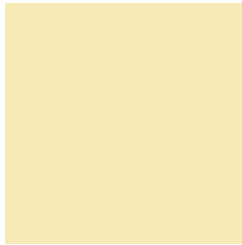
4.5841, 0.1543, 0.0753



0.5309, 0.1598, 0.0954

Previews

White Background



This preview shows how the Yxy color 82.3869, 0.3547, 0.3837 looks on a white background.

Color Contrast Check

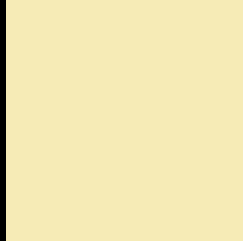
Large Text (above 18pt) WCAG AA × Fail

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 82.3869, 0.3547, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

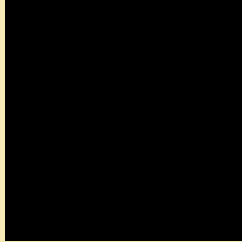
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3869, 0.3547, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 82.3869, 0.3547, 0.3837.

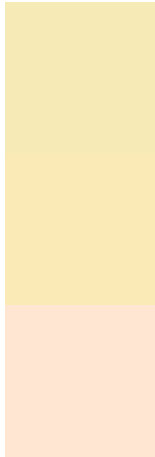


This preview shows how white text looks on a background with the Yxy color 82.3869, 0.3547, 0.3837.

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

82.3869, 0.3547, 0.3837

Protanopia

82.5058, 0.3586, 0.3833

Deuteranopia

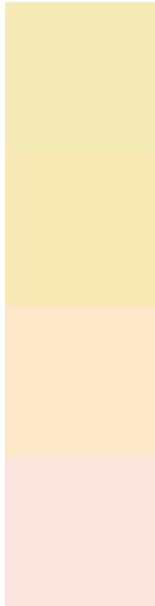
82.5568, 0.3428, 0.3482



Tritanopia

82.5407, 0.3204, 0.3123

Trichromacy



Original Color

82.3869, 0.3547, 0.3837

Protanomaly

82.3216, 0.3578, 0.3834

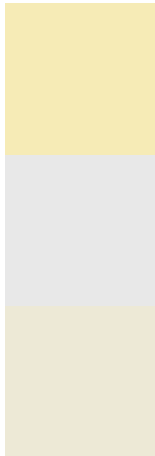
Deuteranomaly

82.5788, 0.3477, 0.3615

Tritanomaly

82.3233, 0.3332, 0.3381

Monochromacy



Original Color

82.3869, 0.3547, 0.3837

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.1374, 0.3276, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3869, 0.3547, 0.3837 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(246, 235, 182)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 182)  
}
```

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(246, 235, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 182) }
```

Border

The CSS property to change the border of an element to Yxy 82.3869, 0.3547, 0.3837 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(246, 235, 182) }
```

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

```
.border{ border-color:rgb(246, 235, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 235, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 235, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 235, 182); box-shadow:4px 4px 4px 4px rgb(246, 235, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3869, 0.3547, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 182) }
```

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

```
.background{ background-color: rgb(246,  
235, 182) }
```

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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