

Converting Colors

$Yxy(82.1838, 0.3580, 0.3889)$

Have a look what the booklet for
Yxy(82.1838, 0.3580, 0.3889)
contains.

Yxy(82.1838, 0.3580, 0.3889)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.1838, 0.3580, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBB1
RGB	246, 235, 177
RGB Percent	96%, 92%, 69%
CMY	0.0353, 0.0784, 0.3058
CMYK	0.00, 0.04, 0.28, 0.04
HSL	50°, 79%, 83%
HSV	50°, 28%, 96%
XYZ	75.6539, 82.1838, 53.4860
YIQ	231.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

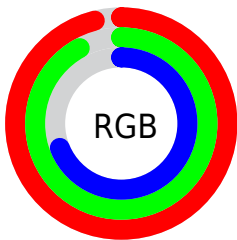
Format	Color
RYB	190, 246, 177
Decimal	16182193
CIELab	92.66, -4.97, 29.53
CIElCh	93, 29.947, 99.549
Yxy	82.1838, 0.3580, 0.3889
Android (android.graphics.Color)	4294372273 (0xFFFF6EBB1)
YUV	231.6770, -26.9558, 12.5613
Hunter-Lab	90.6553, -9.6844, 28.4780

Details

The Yxy color **82.1838, 0.3580, 0.3889** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.9862, 0.2649, 0.2610**, and the grayscale version is **80.6375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **44.5143, 0.3678, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **79.0705, 0.3752, 0.4103**, and if you desaturate by 10%, it is **85.5309, 0.3411, 0.3671**.

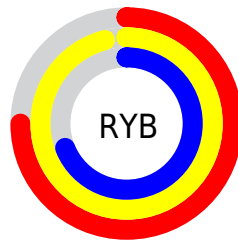
Distribution



Red (96%)

Green (92%)

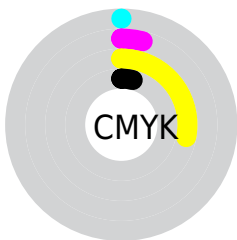
Blue (69%)



Red (75%)

Yellow (96%)

Blue (69%)

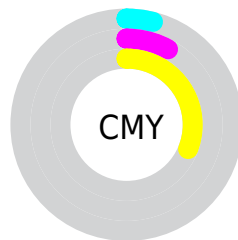


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (4%)



Cyan (4%)


Magenta (8%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1838, 0.3580, 0.3889 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 82.1838, 0.3580, 0.3889 by changing the saturation by 10% instead.


 82.1838, 0.3580,
0.3889

 82.1838, 0.3580,
0.3889

502.2623, 0.3378,
0.3617

 61.5170, 0.3624,
0.3949


 136.4317, 0.3512,
0.3796

 44.6426, 0.3677,
0.4023


170.7817, 0.3485,
0.3759

 31.1760, 0.3741,
0.4114

210.4615, 0.3461,
0.3728

 20.7329, 0.3822,
0.4231

255.8556, 0.3441,
0.3700

 12.9289, 0.3924,
0.4382

307.3483, 0.3422,
0.3675

 7.3796, 0.4056,
0.4586

365.3241, 0.3406,

 3.7006, 0.4238,

0.3654

0.4883

430.1673, 0.3391,
0.3634

■ 1.5075, 0.4566,
0.5434

■ 0.2940, 0.3498,
0.6502

■ 82.1838, 0.3580,
0.3889

■ 82.1838, 0.3580,
0.3889

■ 79.0705, 0.3752,
0.4103

■ 85.5309, 0.3411,
0.3671

■ 76.1702, 0.3922,
0.4304

■ 89.1098, 0.3250,
0.3457

■ 73.4757, 0.4082,
0.4482

■ 92.9328, 0.3098,
0.3250

■ 70.9752, 0.4225,
0.4627

■ 95.6210, 0.3073,
0.3248

■ 68.6553, 0.4345,
0.4730

■ 98.0945, 0.3072,
0.3286

■ 66.5001, 0.4437,
0.4787

■ 98.3338, 0.3072,
0.3290

■ 64.4881, 0.4501,
0.4800

■ 64.1040, 0.4512,
0.4799

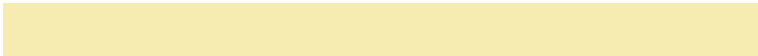
Harmonies

Analogous

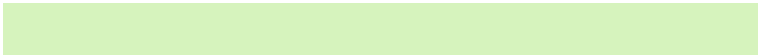
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1838, 0.3783, 0.3725



82.1838, 0.3580, 0.3889



82.1838, 0.3261, 0.3887

Triad

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



82.1838, 0.3580, 0.3889



82.1838, 0.2495, 0.3055



82.1838, 0.3316, 0.2930

Complementary

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



82.1838, 0.3580, 0.3889



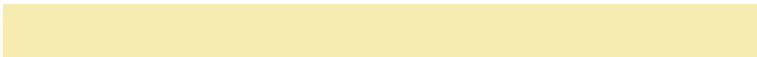
51.9862, 0.2649, 0.2610

Split Complementary

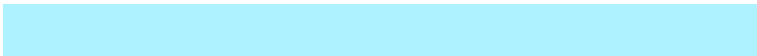
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1838, 0.2964, 0.2767



82.1838, 0.3580, 0.3889



82.1838, 0.2507, 0.2822

Square

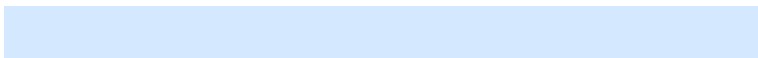
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1838, 0.3580, 0.3889



82.1838, 0.2642, 0.3379



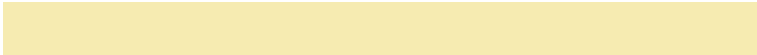
82.1838, 0.2673, 0.2725



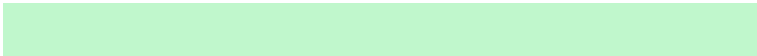
82.1838, 0.3629, 0.3178

Rectangle

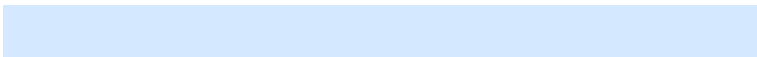
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1838, 0.3580, 0.3889



82.1838, 0.3029, 0.3778



82.1838, 0.2673, 0.2725



82.1838, 0.3197, 0.2864

Sweetspot

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



82.1875, 0.3580, 0.3889



96.6962, 0.3249, 0.3456



54.7042, 0.3641, 0.3168



20.5681, 0.3273, 0.3488



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.



82.1875, 0.3580, 0.3889



87.1091, 0.3684, 0.4019



84.7808, 0.3391, 0.4031



18.8369, 0.3272, 0.3487



34.3876, 0.4506, 0.4804



3.1404, 0.4460, 0.4841

Inverse Universe

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



51.9862, 0.2649, 0.2610



49.0873, 0.2532, 0.2436



50.3934, 0.2802, 0.2513



16.3536, 0.2979, 0.3085



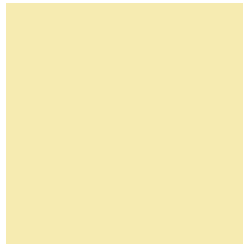
4.4648, 0.1538, 0.0735



0.5153, 0.1592, 0.0930

Previews

White Background



This preview shows how the Yxy color 82.1838, 0.3580, 0.3889 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 82.1838, 0.3580, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

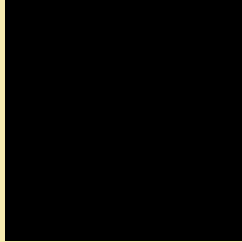
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1838, 0.3580, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 82.1838, 0.3580, 0.3889.



This preview shows how white text looks on a background with the Yxy color 82.1838, 0.3580, 0.3889.

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

82.1838, 0.3580, 0.3889

Protanopia

82.3042, 0.3619, 0.3884

Deuteranopia

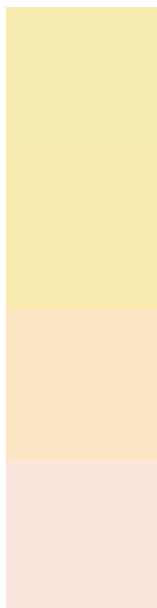
81.9021, 0.3444, 0.3492



Tritanopia

81.9952, 0.3205, 0.3113

Trichromacy



Original Color

82.1838, 0.3580, 0.3889

Protanomaly

82.1200, 0.3611, 0.3886

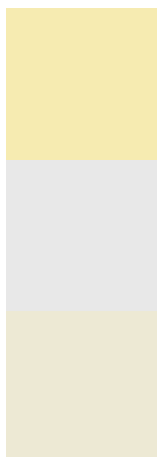
Deuteranomaly

81.8785, 0.3500, 0.3637

Tritanomaly

81.7152, 0.3340, 0.3381

Monochromacy



Original Color

82.1838, 0.3580, 0.3889

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0358, 0.3289, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1838, 0.3580, 0.3889 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 177) }
```

Border

The CSS property to change the border of an element to Yxy 82.1838, 0.3580, 0.3889 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, 177) }
```

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

```
.border{ border-color:rgb(246, 235, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 177);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1838, 0.3580, 0.3889 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, 177) }
```

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

```
.background{ background-color: rgb(246,  
235, 177) }
```

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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