

Converting Colors

$Y_{xy}(82.1279, 0.3815, 0.4131)$

Have a look what the booklet for
Yxy(82.1279, 0.3815, 0.4131)
contains.

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Color

Yxy(82.1185, 0.3816, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	FEEA96
RGB	254, 234, 150
RGB Percent	100%, 92%, 59%
CMY	0.0039, 0.0823, 0.4116
CMYK	0.00, 0.08, 0.41, 0.00
HSL	48°, 98%, 79%
HSV	48°, 41%, 100%
XYZ	75.8017, 82.1185, 40.7216
YIQ	230.4040, 38.8840, -21.8840

Conversions

Conversions Part 2

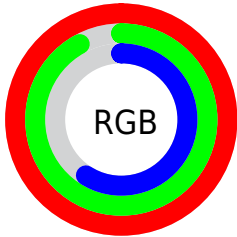
Format	Color
RYB	175, 254, 150
Decimal	16706198
CIELab	92.63, -4.54, 43.19
CIELCh	93, 43.430, 96.003
Yxy	82.1185, 0.3816, 0.4134
Android (android.graphics.Color)	4294896278 (0xFFFEAA96)
YUV	230.4040, -39.6392, 20.6937
Hunter-Lab	90.6193, -9.2710, 36.7903

Details

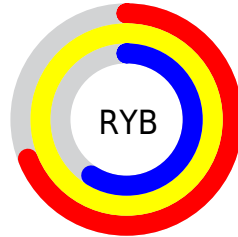
The Yxy color **82.1185, 0.3816, 0.4134** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.3998, 0.2401, 0.2269**, and the grayscale version is **79.7272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **44.4584, 0.3957, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **78.6478, 0.3992, 0.4324**, and if you desaturate by 10%, it is **85.8508, 0.3638, 0.3929**.

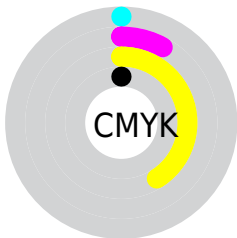
Distribution



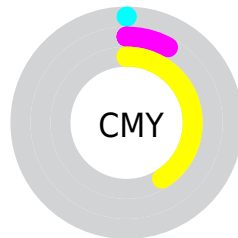
- Red (100%)
- Green (92%)
- Blue (59%)



- Red (69%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1185, 0.3816, 0.4134 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 82.1185, 0.3816, 0.4134 by changing the saturation by 10% instead.


 82.1185, 0.3816,
0.4134


 82.1185, 0.3816,
0.4134


502.0440, 0.3514,
0.3757

 61.4632, 0.3879,
0.4215


 136.3402, 0.3715,
0.4007

 44.5991, 0.3954,
0.4312


 170.6753, 0.3675,
0.3956

 31.1418, 0.4044,
0.4430

210.3393, 0.3640,
0.3912

 20.7068, 0.4151,
0.4574

255.7163, 0.3609,
0.3873

 12.9099, 0.4277,
0.4751

307.1909, 0.3581,
0.3839

 7.3665, 0.4419,
0.4965

365.1475, 0.3556,

 3.6924, 0.4666,

0.3808

0.5334

429.9704, 0.3534,
0.3781

■ 1.5030, 0.4593,
0.5407

■ 0.2908, 0.3627,
0.6373

■ 82.1185, 0.3816,
0.4134

■ 82.1185, 0.3816,
0.4134

■ 78.6478, 0.3992,
0.4324

■ 85.8508, 0.3638,
0.3929

■ 75.4152, 0.4158,
0.4489

■ 89.8444, 0.3463,
0.3719

■ 72.4108, 0.4306,
0.4618

■ 94.1134, 0.3297,
0.3510

■ 69.6192, 0.4430,
0.4703

■ 98.6675, 0.3141,
0.3308

■ 67.0220, 0.4525,
0.4741

99.8101, 0.3121,
0.3290

■ 64.8089, 0.4588,
0.4739

Harmonies

Analogous

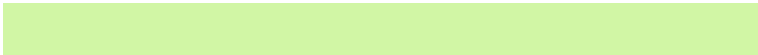
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1185, 0.4093, 0.3853



82.1185, 0.3816, 0.4134



82.1185, 0.3365, 0.4189

Triad

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



82.1185, 0.3816, 0.4134



82.1185, 0.2245, 0.2985



82.1185, 0.3333, 0.2747

Complementary

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



82.1185, 0.3816, 0.4134



42.3998, 0.2401, 0.2269

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.



82.1185, 0.2830, 0.2539



82.1185, 0.3816, 0.4134



82.1185, 0.2238, 0.2642

Square

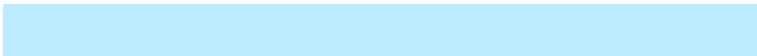
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1185, 0.3816, 0.4134



82.1185, 0.2468, 0.3471



82.1185, 0.2441, 0.2495



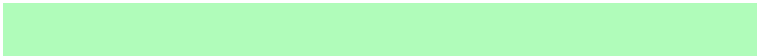
82.1185, 0.3811, 0.3077

Rectangle

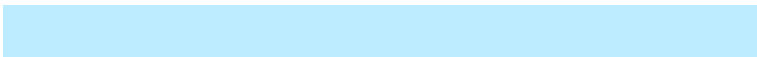
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1185, 0.3816, 0.4134



82.1185, 0.3032, 0.4056



82.1185, 0.2441, 0.2495



82.1185, 0.3160, 0.2662

Sweetspot

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



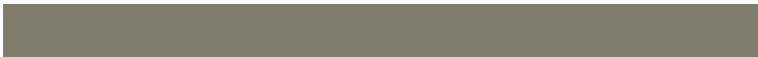
82.1223, 0.3816, 0.4134



94.4869, 0.3314, 0.3532



45.8263, 0.3965, 0.3073



20.1010, 0.3336, 0.3559



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

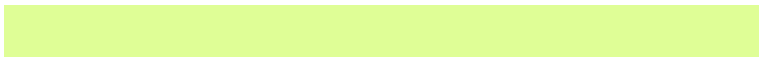
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1223, 0.3816, 0.4134



80.0111, 0.3958, 0.4289



88.7413, 0.3525, 0.4387



20.4621, 0.3274, 0.3481



34.3780, 0.4580, 0.4745



3.4925, 0.4528, 0.4787

Inverse Universe

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



42.3998, 0.2401, 0.2269



35.1056, 0.2241, 0.2026



38.8286, 0.2583, 0.2094



17.9429, 0.2979, 0.3092



5.0816, 0.1550, 0.0781



0.6366, 0.1603, 0.0969

Previews

White Background



This preview shows how the Yxy color 82.1185, 0.3816, 0.4134 looks on a white background.

Color Contrast Check

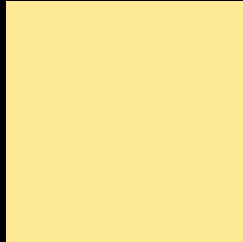
Large Text (above 18pt) WCAG AA × Fail

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 82.1185, 0.3816, 0.4134 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 82.1185, 0.3816, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 82.1185, 0.3816, 0.4134.



This preview shows how white text looks on a background with the Yxy color 82.1185, 0.3816, 0.4134.

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

82.1185, 0.3816, 0.4134

Protanopia

82.1185, 0.3816, 0.4134

Deuteranopia

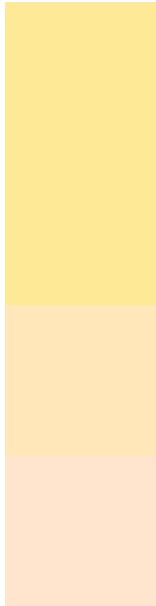
82.2614, 0.3469, 0.3543



Tritanopia

81.8258, 0.3251, 0.3172

Trichromacy



Original Color

82.1185, 0.3816, 0.4134

Protanomaly

82.1185, 0.3816, 0.4134

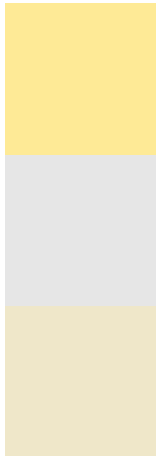
Deuteranomaly

81.9146, 0.3603, 0.3757

Tritanomaly

81.7549, 0.3464, 0.3523

Monochromacy



Original Color

82.1185, 0.3816, 0.4134

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.7196, 0.3379, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1185, 0.3816, 0.4134 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(254, 234, 150)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 150)  
}
```

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(254, 234, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 150) }
```

Border

The CSS property to change the border of an element to Yxy 82.1185, 0.3816, 0.4134 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(254, 234, 150) }
```

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

```
.border{ border-color:rgb(254, 234, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 150);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1185, 0.3816, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 150) }
```

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

```
.background{ background-color: rgb(254,  
234, 150) }
```

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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