

Converting Colors

$Yxy(80.2479, 0.3813, 0.4198)$

Have a look what the booklet for
Yxy(80.2479, 0.3813, 0.4198)
contains.

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Color

Yxy(80.2479, 0.3813, 0.4198)

Conversions

Conversions Part 1

Format	Color
Hex	F8E990
RGB	248, 233, 144
RGB Percent	97%, 91%, 56%
CMY	0.0274, 0.0863, 0.4354
CMYK	0.00, 0.06, 0.42, 0.03
HSL	51°, 88%, 77%
HSV	51°, 42%, 97%
XYZ	72.8883, 80.2479, 38.0212
YIQ	227.3390, 37.5090, -24.4990

Conversions

Conversions Part 2

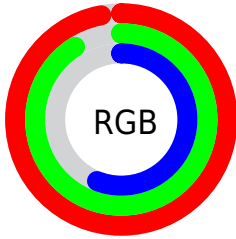
Format	Color
R _Y B	162, 248, 144
Decimal	16312720
CIE Lab	91.80, -6.98, 45.02
CIE LCh	92, 45.555, 98.811
Yxy	80.2479, 0.3813, 0.4198
Android (android.graphics.Color)	4294502800 (0xFF8E990)
YUV	227.3390, -41.0861, 18.1197
Hunter-Lab	89.5812, -11.5294, 37.5422

Details

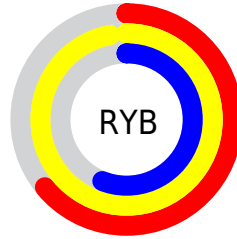
The Yxy color **80.2479, 0.3813, 0.4198** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.4995, 0.2371, 0.2177**, and the grayscale version is **77.3625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **43.5606, 0.3943, 0.4395** is the 20% darker color. If you saturate the color by 10%, you get **77.5680, 0.3976, 0.4394**, and if you desaturate by 10%, it is **83.1429, 0.3644, 0.3985**.

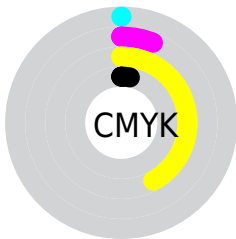
Distribution



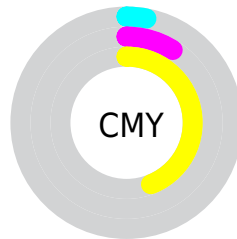
- Red (97%)
- Green (91%)
- Blue (56%)



- Red (64%)
- Yellow (97%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (42%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2479, 0.3813, 0.4198 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 80.2479, 0.3813, 0.4198 by changing the saturation by 10% instead.


 80.2479, 0.3813,
0.4198

 80.2479, 0.3813,
0.4198


495.7679, 0.3513,
0.3789

 59.9224, 0.3875,
0.4287


 133.7142, 0.3714,
0.4060

 43.3561, 0.3948,
0.4393


 167.6238, 0.3674,
0.4005

 30.1646, 0.4035,
0.4521


206.8302, 0.3639,
0.3957

 19.9636, 0.4136,
0.4679

251.7177, 0.3608,
0.3915

 12.3686, 0.4253,
0.4873

302.6709, 0.3580,
0.3878

 6.9952, 0.4384,
0.5115

360.0740, 0.3556,

 3.4591, 0.4546,

0.3845

0.5454

424.3116, 0.3533,
0.3815

■ 1.3759, 0.4426,
0.5574

■ 0.1988, 0.0857,
0.9143

■ 80.2479, 0.3813,
0.4198

■ 80.2479, 0.3813,
0.4198

■ 77.5680, 0.3976,
0.4394

■ 83.1429, 0.3644,
0.3985

■ 75.0809, 0.4126,
0.4562


■ 86.2522, 0.3475,
0.3765


■ 72.7776, 0.4256,
0.4693


■ 89.5889, 0.3311,
0.3544


■ 70.6437, 0.4360,
0.4780


■ 93.1619, 0.3156,
0.3331

 68.6617, 0.4436,
0.4821

 96.1147, 0.3085,
0.3250

 67.1557, 0.4478,
0.4826

 98.3719, 0.3084,
0.3285

 98.7005, 0.3084,
0.3290

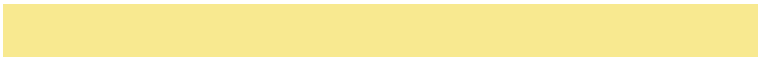
Harmonies

Analogous

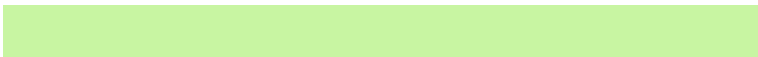
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2479, 0.4130, 0.3914



80.2479, 0.3813, 0.4198



80.2479, 0.3326, 0.4233

Triad

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



80.2479, 0.3813, 0.4198



80.2479, 0.2189, 0.2924



80.2479, 0.3394, 0.2747

Complementary

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



80.2479, 0.3813, 0.4198



37.4995, 0.2371, 0.2177

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.



80.2479, 0.2859, 0.2515



80.2479, 0.3813, 0.4198



80.2479, 0.2203, 0.2583

Square

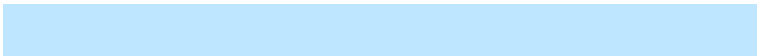
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.2479, 0.3813, 0.4198



80.2479, 0.2401, 0.3429



80.2479, 0.2435, 0.2450



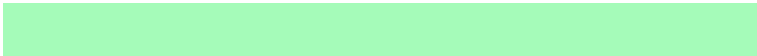
80.2479, 0.3889, 0.3101

Rectangle

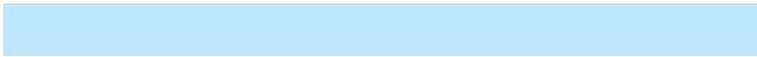
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.2479, 0.3813, 0.4198



80.2479, 0.2976, 0.4073



80.2479, 0.2435, 0.2450



80.2479, 0.3211, 0.2654

Sweetspot

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



80.2516, 0.3813, 0.4198



95.0304, 0.3328, 0.3568



42.4220, 0.4051, 0.3124



20.1690, 0.3364, 0.3616



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

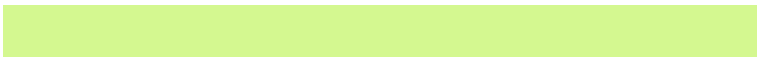
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2516, 0.3813, 0.4198



83.1386, 0.3946, 0.4359



83.0995, 0.3497, 0.4427



19.7384, 0.3272, 0.3491



36.4307, 0.4473, 0.4830



3.4871, 0.4434, 0.4861

Inverse Universe

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



37.4995, 0.2371, 0.2177



32.2995, 0.2207, 0.1919



36.4670, 0.2608, 0.2075



17.0472, 0.2979, 0.3080



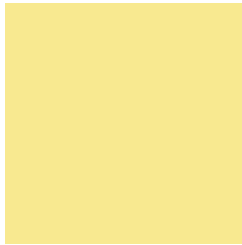
4.4561, 0.1532, 0.0715



0.5309, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 80.2479, 0.3813, 0.4198 looks on a white background.

Color Contrast Check

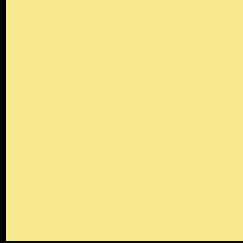
Large Text (above 18pt) WCAG AA × Fail

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 80.2479, 0.3813, 0.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

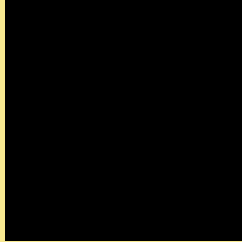
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.2479, 0.3813, 0.4198

Background



This preview shows how black text looks on a background with the Yxy color 80.2479, 0.3813, 0.4198.



This preview shows how white text looks on a background with the Yxy color 80.2479, 0.3813, 0.4198.

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

80.2479, 0.3813, 0.4198

Protanopia

80.0176, 0.3865, 0.4177

Deuteranopia

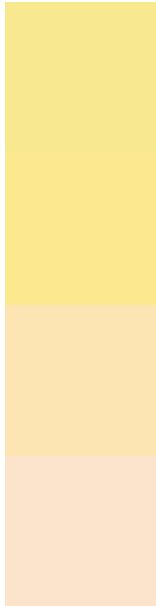
80.2754, 0.3523, 0.3585



Tritanopia

80.2084, 0.3254, 0.3142

Trichromacy



Original Color

80.2479, 0.3813, 0.4198

Protanomaly

80.2056, 0.3845, 0.4191

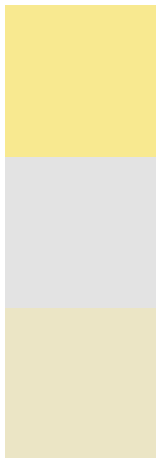
Deuteranomaly

79.9484, 0.3634, 0.3813

Tritanomaly

79.9933, 0.3460, 0.3525

Monochromacy



Original Color

80.2479, 0.3813, 0.4198

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.7320, 0.3380, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2479, 0.3813, 0.4198 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 144) }
```

Border

The CSS property to change the border of an element to Yxy 80.2479, 0.3813, 0.4198 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, 144) }
```

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

```
.border{ border-color:rgb(248, 233, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 144);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2479, 0.3813, 0.4198 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, 144) }
```

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

```
.background{ background-color: rgb(248,  
233, 144) }
```

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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