

Converting Colors

Yxy(68.9803, 0.3830, 0.4119)

Have a look what the booklet for
Yxy(68.9803, 0.3830, 0.4119)
contains.

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Color

Yxy(68.9803, 0.3830, 0.4119)

Conversions

Conversions Part 1

Format	Color
Hex	EDD88B
RGB	237, 216, 139
RGB Percent	93%, 85%, 55%
CMY	0.0706, 0.1529, 0.4550
CMYK	0.00, 0.09, 0.41, 0.07
HSL	47°, 73%, 74%
HSV	47°, 41%, 93%
XYZ	64.1405, 68.9803, 34.3478
YIQ	213.5010, 37.2330, -19.4950

Conversions

Conversions Part 2

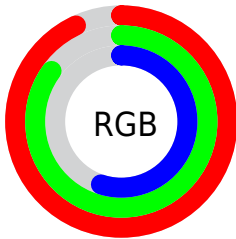
Format	Color
R _{YB}	166, 237, 139
Decimal	15587467
CIE Lab	86.49, -3.22, 40.57
CIE LCh	86, 40.694, 94.539
Yxy	68.9803, 0.3830, 0.4119
Android (android.graphics.Color)	4293777547 (0xFFEDD88B)
YUV	213.5010, -36.7290, 20.6086
Hunter-Lab	83.0544, -7.4949, 33.6182

Details

The Yxy color **68.9803, 0.3830, 0.4119** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **36.7320, 0.2400, 0.2290**, and the grayscale version is **67.1254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **35.8812, 0.3993, 0.4305** is the 20% darker color. If you saturate the color by 10%, you get **65.8030, 0.4010, 0.4304**, and if you desaturate by 10%, it is **72.3945, 0.3648, 0.3920**.

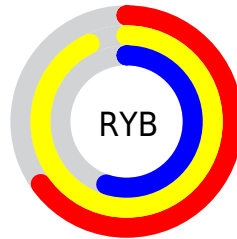
Distribution



Red (93%)

Green (85%)

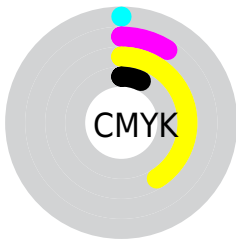
Blue (55%)



Red (65%)

Yellow (93%)

Blue (55%)

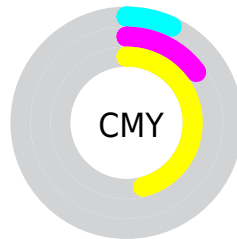


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9803, 0.3830, 0.4119 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 68.9803, 0.3830, 0.4119 by changing the saturation by 10% instead.

 68.9803, 0.3830,
0.4119


 68.9803, 0.3830,
0.4119


456.9615, 0.3511,
0.3737


 50.6957, 0.3899,
0.4203


 117.7534, 0.3722,
0.3988

 35.9665, 0.3982,
0.4306


 149.0107, 0.3679,
0.3937

 24.4083, 0.4083,
0.4431


 185.3610, 0.3642,
0.3892

 15.6368, 0.4204,
0.4586

227.1887, 0.3609,
0.3853

 9.2675, 0.4349,
0.4777

274.8782, 0.3580,
0.3819

 4.9161, 0.4566,
0.5066

328.8139, 0.3554,

 2.1981, 0.4699,

0.3789

0.5301

389.3802, 0.3531,
0.3762

0.7190, 0.4569,
0.5431

0.0000, 0.0000,
0.0000

68.9803, 0.3830,
0.4119

68.9803, 0.3830,
0.4119

65.8030, 0.4010,
0.4304

72.3945, 0.3648,
0.3920

62.8425, 0.4182,
0.4464


76.0457, 0.3472,
0.3715

60.0903, 0.4338,
0.4589

79.9460, 0.3304,
0.3512


57.5331, 0.4469,
0.4670

84.1038, 0.3148,
0.3316

 55.1551, 0.4571,
0.4703

 88.3665, 0.3018,
0.3155

 53.2241, 0.4638,
0.4699

 91.4205, 0.3018,
0.3205

 94.5589, 0.3018,
0.3256

 96.7454, 0.3017,
0.3290

Harmonies

Analogous

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



68.9803, 0.4093, 0.3833



68.9803, 0.3830, 0.4119



68.9803, 0.3388, 0.4187

Triad

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



68.9803, 0.3830, 0.4119



68.9803, 0.2257, 0.3009



68.9803, 0.3306, 0.2737

Complementary

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



68.9803, 0.3830, 0.4119



36.7320, 0.2400, 0.2290

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.



68.9803, 0.2810, 0.2538



68.9803, 0.3830, 0.4119



68.9803, 0.2239, 0.2659

Square

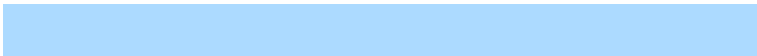
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9803, 0.3830, 0.4119



68.9803, 0.2488, 0.3495



68.9803, 0.2431, 0.2503



68.9803, 0.3786, 0.3060

Rectangle

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



68.9803, 0.3830, 0.4119



68.9803, 0.3057, 0.4065



68.9803, 0.2431, 0.2503



68.9803, 0.3135, 0.2655

Sweetspot

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



68.9835, 0.3830, 0.4119



94.0727, 0.3315, 0.3526



39.0075, 0.3955, 0.3053



20.0031, 0.3337, 0.3552



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

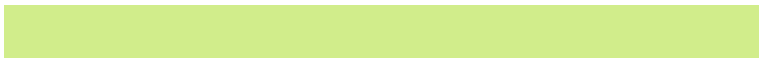
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9835, 0.3830, 0.4119



78.1218, 0.3990, 0.4284



76.0230, 0.3540, 0.4390



17.0475, 0.3273, 0.3474



29.2562, 0.4630, 0.4706



2.4335, 0.4557, 0.4764

Inverse Universe

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



36.7320, 0.2400, 0.2290



35.1500, 0.2228, 0.2031



32.7593, 0.2565, 0.2080



15.0719, 0.2980, 0.3099



4.7749, 0.1562, 0.0823



0.5124, 0.1631, 0.1071

Previews

White Background



This preview shows how the Yxy color 68.9803, 0.3830, 0.4119 looks on a white background.

Color Contrast Check

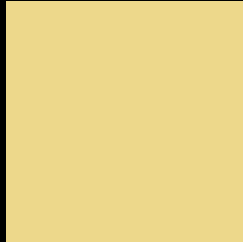
Large Text (above 18pt) WCAG AA × Fail

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 68.9803, 0.3830, 0.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

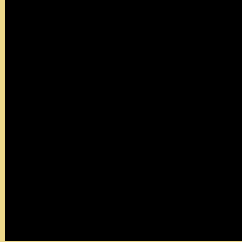
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9803, 0.3830, 0.4119

Background



This preview shows how black text looks on a background with the Yxy color 68.9803, 0.3830, 0.4119.



This preview shows how white text looks on a background with the Yxy color 68.9803, 0.3830, 0.4119.

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

68.9803, 0.3830, 0.4119

Protanopia

68.8087, 0.3822, 0.4121

Deuteranopia

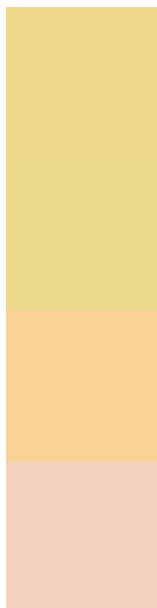
68.7048, 0.3901, 0.3849



Tritanopia

69.0094, 0.3317, 0.3125

Trichromacy



Original Color

68.9803, 0.3830, 0.4119

Protanomaly

68.8087, 0.3822, 0.4121

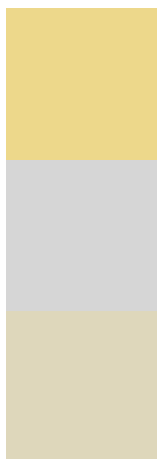
Deuteranomaly

68.7149, 0.3869, 0.3943

Tritanomaly

68.9536, 0.3511, 0.3483

Monochromacy



Original Color

68.9803, 0.3830, 0.4119

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7183, 0.3375, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9803, 0.3830, 0.4119 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(237, 216, 139)` looks like.

```
.text, #text, p{  
    color:rgb(237, 216, 139)  
}
```

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(237, 216, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 216, 139) }
```

Border

The CSS property to change the border of an element to Yxy 68.9803, 0.3830, 0.4119 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(237, 216, 139) }
```

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

```
.border{ border-color:rgb(237, 216, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 216, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 216, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 216, 139);  
box-shadow:4px 4px 4px 4px rgb(237, 216,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9803, 0.3830, 0.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 216, 139) }
```

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

```
.background{ background-color: rgb(237,  
216, 139) }
```

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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