

Converting Colors

Yxy(58.7065, 0.3813, 0.3994)

Have a look what the booklet for
Yxy(58.7065, 0.3813, 0.3994)
contains.

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Color

Yxy(58.6894, 0.3809, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	E1C78A
RGB	225, 199, 138
RGB Percent	88%, 78%, 54%
CMY	0.1178, 0.2195, 0.4588
CMYK	0.00, 0.12, 0.39, 0.12
HSL	42°, 59%, 71%
HSV	42°, 39%, 88%
XYZ	56.0551, 58.6894, 32.4204
YIQ	199.8200, 35.0770, -13.4590

Conversions

Conversions Part 2

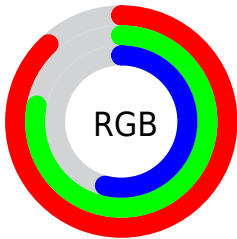
Format	Color
RYB	175, 225, 138
Decimal	14796682
CIELab	81.12, 0.68, 33.90
CIELCh	81, 33.904, 88.849
Yxy	58.6894, 0.3809, 0.3988
Android (android.graphics.Color)	4292986762 (0xFFE1C78A)
YUV	199.8200, -30.4773, 22.0829
Hunter-Lab	76.6090, -3.4565, 28.5352

Details

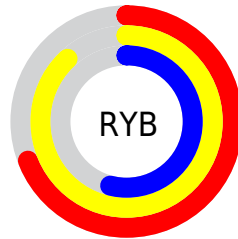
The Yxy color **58.6894, 0.3809, 0.3988** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.3745, 0.2470, 0.2472**, and the grayscale version is **57.8170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5858, 0.3502, 0.3910**, and **29.2637, 0.3974, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **55.0845, 0.4010, 0.4161**, and if you desaturate by 10%, it is **62.5710, 0.3614, 0.3805**.

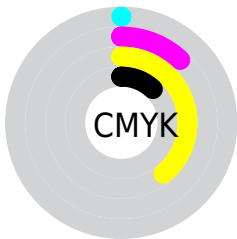
Distribution



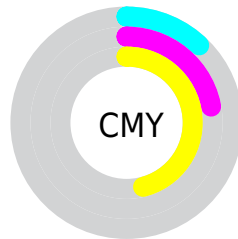
- Red (88%)
- Green (78%)
- Blue (54%)



- Red (69%)
- Yellow (88%)
- Blue (54%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6894, 0.3809, 0.3988 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 58.6894, 0.3809, 0.3988 by changing the saturation by 10% instead.


 58.6894, 0.3809,
0.3988


 58.6894, 0.3809,
0.3988

419.7499, 0.3486,
0.3659


 42.3631, 0.3883,
0.4063


 102.9261, 0.3696,
0.3873

 29.3857, 0.3974,
0.4155


 131.6053, 0.3653,
0.3829

 19.3728, 0.4087,
0.4270


 165.1710, 0.3615,
0.3790

 11.9400, 0.4230,
0.4414

204.0075, 0.3583,
0.3757

 6.7028, 0.4413,
0.4597

248.4993, 0.3554,
0.3728

 3.2770, 0.4774,
0.4959

299.0307, 0.3529,

 1.2780, 0.4917,

0.3702

0.5083

355.9861, 0.3506,
0.3679

■ 0.1241, 0.5203,
0.4797

■ 0.0000, 0.0000,
0.0000

■ 58.6894, 0.3809,
0.3988

■ 58.6894, 0.3809,
0.3988

■ 55.0845, 0.4010,
0.4161

■ 62.5710, 0.3614,
0.3805

■ 51.7380, 0.4211,
0.4315

■ 66.7306, 0.3431,
0.3620

■ 48.6416, 0.4402,
0.4437

■ 71.1796, 0.3262,
0.3440

■ 45.7828, 0.4575,
0.4518


■ 75.9263, 0.3107,
0.3267


 43.1472, 0.4720,
0.4550


 80.9785, 0.2968,
0.3105

 40.7142, 0.4835,
0.4535

 85.1304, 0.2943,
0.3130

 40.3988, 0.4850,
0.4531

 89.1414, 0.2944,
0.3199

 93.3000, 0.2946,
0.3267

 94.7424, 0.2946,
0.3289

Harmonies

Analogous

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



58.6894, 0.3996, 0.3717



58.6894, 0.3809, 0.3988



58.6894, 0.3443, 0.4082

Triad

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



58.6894, 0.3809, 0.3988



58.6894, 0.2380, 0.3123



58.6894, 0.3201, 0.2755

Complementary

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



58.6894, 0.3809, 0.3988



37.3745, 0.2470, 0.2472

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.



58.6894, 0.2774, 0.2602



58.6894, 0.3809, 0.3988



58.6894, 0.2326, 0.2782

Square

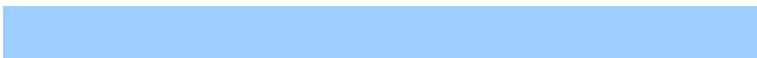
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.6894, 0.3809, 0.3988



58.6894, 0.2622, 0.3554



58.6894, 0.2464, 0.2605



58.6894, 0.3635, 0.3028

Rectangle

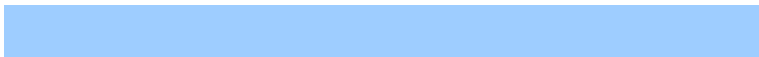
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.6894, 0.3809, 0.3988



58.6894, 0.3153, 0.4006



58.6894, 0.2464, 0.2605



58.6894, 0.3052, 0.2688

Sweetspot

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



58.6921, 0.3809, 0.3988



92.4949, 0.3318, 0.3501



36.8652, 0.3792, 0.2985



19.6303, 0.3340, 0.3525



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.



58.6921, 0.3809, 0.3988



74.2698, 0.3963, 0.4122



69.0169, 0.3570, 0.4293



15.3027, 0.3275, 0.3454



23.5001, 0.4837, 0.4541



1.7829, 0.4714, 0.4639

Inverse Universe

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



37.3745, 0.2470, 0.2472



42.3720, 0.2329, 0.2275



30.6216, 0.2552, 0.2155



13.9067, 0.2981, 0.3121



5.6342, 0.1611, 0.0999



0.5437, 0.1696, 0.1306

Previews

White Background



This preview shows how the Yxy color 58.6894, 0.3809, 0.3988 looks on a white background.

Color Contrast Check

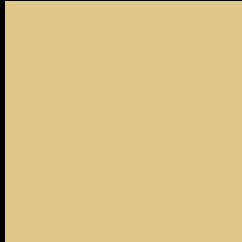
Large Text (above 18pt) WCAG AA × Fail

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 58.6894, 0.3809, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

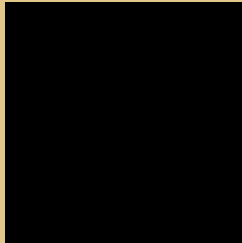
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6894, 0.3809, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 58.6894, 0.3809, 0.3988.



This preview shows how white text looks on a background with the Yxy color 58.6894, 0.3809, 0.3988.

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

58.6894, 0.3809, 0.3988

Protanopia

58.5428, 0.3734, 0.4014

Deuteranopia

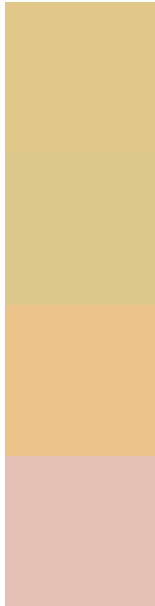
58.7048, 0.3966, 0.3880



Tritanopia

58.3905, 0.3357, 0.3125

Trichromacy



Original Color

58.6894, 0.3809, 0.3988

Protanomaly

58.5448, 0.3763, 0.3996

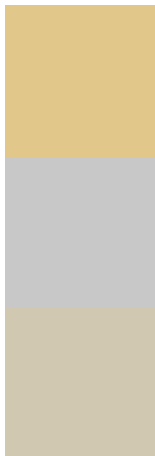
Deuteranomaly

58.5565, 0.3905, 0.3913

Tritanomaly

58.1341, 0.3520, 0.3427

Monochromacy



Original Color

58.6894, 0.3809, 0.3988

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0382, 0.3371, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6894, 0.3809, 0.3988 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(225, 199, 138)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 138)  
}
```

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(225, 199, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 138) }
```

Border

The CSS property to change the border of an element to Yxy 58.6894, 0.3809, 0.3988 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(225, 199, 138) }
```

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

```
.border{ border-color:rgb(225, 199, 138) }
```

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

Here you see how a box with a 4 pixel rgb(225, 199, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 138);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6894, 0.3809, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 138) }
```

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

```
.background{ background-color: rgb(225,  
199, 138) }
```

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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