

Converting Colors

Yxy(60.1986, 0.3906, 0.4111)

Have a look what the booklet for
Yxy(60.1986, 0.3906, 0.4111)
contains.

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Color

Yxy(59.9898, 0.3909, 0.4107)

Conversions

Conversions Part 1

Format	Color
Hex	E5C980
RGB	229, 201, 128
RGB Percent	90%, 79%, 50%
CMY	0.1019, 0.2118, 0.4982
CMYK	0.00, 0.12, 0.44, 0.10
HSL	43°, 66%, 70%
HSV	43°, 44%, 90%
XYZ	57.0977, 59.9898, 28.9797
YIQ	201.0500, 40.1210, -16.7670

Conversions

Conversions Part 2

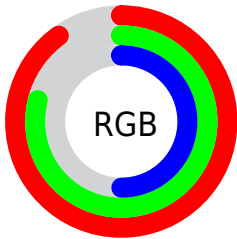
Format	Color
RYB	167, 229, 128
Decimal	15059328
CIELab	81.83, 0.20, 40.03
CIELCh	82, 40.028, 89.721
Yxy	59.9898, 0.3909, 0.4107
Android (android.graphics.Color)	4293249408 (0xFFE5C980)
YUV	201.0500, -36.0137, 24.5121
Hunter-Lab	77.4531, -3.9544, 32.0333

Details

The Yxy color **59.9898, 0.3909, 0.4107** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.0144, 0.2363, 0.2301**, and the grayscale version is **58.6509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **30.1739, 0.4095, 0.4293** is the 20% darker color. If you saturate the color by 10%, you get **56.5570, 0.4105, 0.4275**, and if you desaturate by 10%, it is **63.6866, 0.3714, 0.3924**.

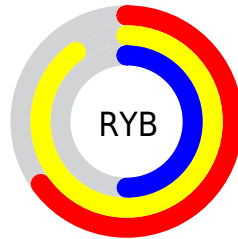
Distribution



Red (90%)

Green (79%)

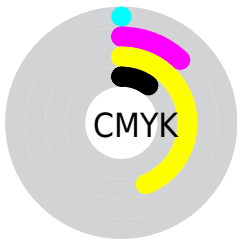
Blue (50%)



Red (65%)

Yellow (90%)

Blue (50%)

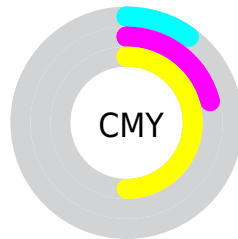


Cyan (0%)

Magenta (12%)

Yellow (44%)

Black (10%)



Cyan (10%)

Magenta (21%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9898, 0.3909, 0.4107 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 59.9898, 0.3909, 0.4107 by changing the saturation by 10% instead.


 59.9898, 0.3909,
0.4107

 59.9898, 0.3909,
0.4107


424.5602, 0.3544,
0.3726

 43.4104, 0.3991,
0.4192


 104.8149, 0.3783,
0.3976

 30.2073, 0.4089,
0.4295


 133.8293, 0.3734,
0.3924

 19.9960, 0.4210,
0.4420


 167.7576, 0.3691,
0.3880

 12.3921, 0.4358,
0.4574

206.9841, 0.3654,
0.3841

 7.0113, 0.4535,
0.4758

251.8933, 0.3621,
0.3807

 3.4692, 0.4882,
0.5118

302.8694, 0.3593,

 1.3813, 0.4885,

0.3777

0.5115

360.2969, 0.3567,
0.3750

■ 0.2029, 0.4934,
0.5066

■ 0.0000, 0.0000,
0.0000

■ 59.9898, 0.3909,
0.4107

■ 59.9898, 0.3909,
0.4107

■ 56.5570, 0.4105,
0.4275

■ 63.6866, 0.3714,
0.3924

■ 53.3692, 0.4294,
0.4416


■ 67.6488, 0.3527,
0.3734


■ 50.4171, 0.4468,
0.4521


■ 71.8885, 0.3352,
0.3545

■ 47.6872, 0.4618,
0.4579

■ 76.4141, 0.3190,
0.3363


 45.1633, 0.4736,
0.4587

 81.2338, 0.3042,
0.3190

 43.7617, 0.4795,
0.4575

 85.6688, 0.2968,
0.3129

 89.4537, 0.2969,
0.3194

 93.3705, 0.2969,
0.3258

 95.4004, 0.2970,
0.3290

Harmonies

Analogous

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



59.9898, 0.4141, 0.3787



59.9898, 0.3909, 0.4107



59.9898, 0.3474, 0.4224

Triad

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



59.9898, 0.3909, 0.4107



59.9898, 0.2256, 0.3073



59.9898, 0.3226, 0.2679

Complementary

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



59.9898, 0.3909, 0.4107



34.0144, 0.2363, 0.2301

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.



59.9898, 0.2727, 0.2499



59.9898, 0.3909, 0.4107



59.9898, 0.2202, 0.2684

Square

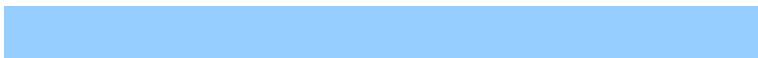
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.9898, 0.3909, 0.4107



59.9898, 0.2526, 0.3585



59.9898, 0.2366, 0.2493



59.9898, 0.3735, 0.2994

Rectangle

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



59.9898, 0.3909, 0.4107



59.9898, 0.3136, 0.4134



59.9898, 0.2366, 0.2493



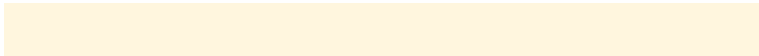
59.9898, 0.3050, 0.2602

Sweetspot

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



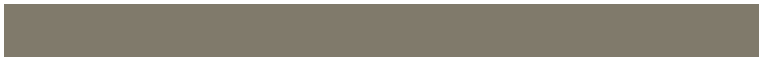
59.9926, 0.3909, 0.4107



92.3221, 0.3334, 0.3526



34.5107, 0.3954, 0.2961



19.4951, 0.3372, 0.3567



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.



59.9926, 0.3909, 0.4107



72.5141, 0.4089, 0.4262



70.8872, 0.3614, 0.4441



16.1062, 0.3274, 0.3459



25.2293, 0.4783, 0.4584



2.0184, 0.4678, 0.4668

Inverse Universe

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



34.0144, 0.2363, 0.2301



35.4232, 0.2193, 0.2050



27.5585, 0.2465, 0.1974



14.5342, 0.2981, 0.3115



5.4717, 0.1597, 0.0949



0.5568, 0.1676, 0.1234

Previews

White Background



This preview shows how the Yxy color 59.9898, 0.3909, 0.4107 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 59.9898, 0.3909, 0.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

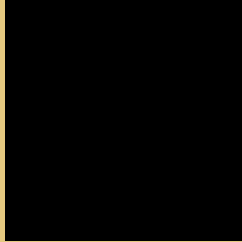
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9898, 0.3909, 0.4107

Background



This preview shows how black text looks on a background with the Yxy color 59.9898, 0.3909, 0.4107.



This preview shows how white text looks on a background with the Yxy color 59.9898, 0.3909, 0.4107.

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

59.9898, 0.3909, 0.4107

Protanopia

60.3003, 0.3828, 0.4146

Deuteranopia

59.5810, 0.4073, 0.3984



Tritanopia

59.7224, 0.3389, 0.3128

Trichromacy



Original Color

59.9898, 0.3909, 0.4107

Protanomaly

60.3044, 0.3858, 0.4127

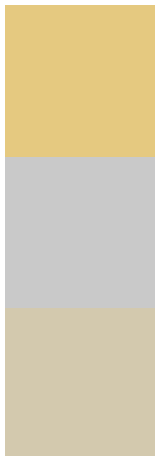
Deuteranomaly

59.8682, 0.4006, 0.4029

Tritanomaly

59.7370, 0.3582, 0.3481

Monochromacy



Original Color

59.9898, 0.3909, 0.4107

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6782, 0.3408, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9898, 0.3909, 0.4107 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(229, 201, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 201, 128)  
}
```

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(229, 201, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 201, 128) }
```

Border

The CSS property to change the border of an element to Yxy 59.9898, 0.3909, 0.4107 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(229, 201, 128) }
```

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

```
.border{ border-color:rgb(229, 201, 128) }
```

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

Here you see how a box with a 4 pixel rgb(229, 201, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 201, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 201, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 201,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9898, 0.3909, 0.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 201, 128) }
```

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

```
.background{ background-color: rgb(229,  
201, 128) }
```

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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