

Converting Colors

Yxy(59.6464, 0.3823, 0.3921)

Have a look what the booklet for
Yxy(59.6464, 0.3823, 0.3921)
contains.

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Color

Yxy(59.8189, 0.3822, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	E7C78F
RGB	231, 199, 143
RGB Percent	91%, 78%, 56%
CMY	0.0943, 0.2195, 0.4392
CMYK	0.00, 0.14, 0.38, 0.09
HSL	38°, 65%, 73%
HSV	38°, 38%, 91%
XYZ	58.3234, 59.8189, 34.4569
YIQ	202.1840, 37.0480, -10.6320

Conversions

Conversions Part 2

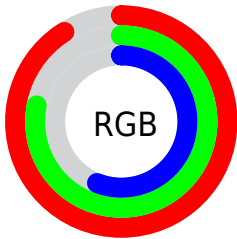
Format	Color
R _Y B	193, 231, 143
Decimal	15189903
CIE Lab	81.74, 3.59, 32.23
CIE LCh	82, 32.425, 83.637
Yxy	59.8189, 0.3822, 0.3920
Android (android.graphics.Color)	4293379983 (0xFFE7C78F)
YUV	202.1840, -29.1777, 25.2716
Hunter-Lab	77.3427, -0.7444, 27.7256

Details

The Yxy color **59.8189, 0.3822, 0.3920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.2345, 0.2491, 0.2562**, and the grayscale version is **59.3502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **30.0222, 0.3994, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **55.4398, 0.4039, 0.4081**, and if you desaturate by 10%, it is **64.5601, 0.3617, 0.3751**.

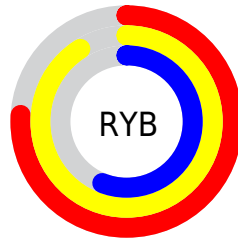
Distribution



Red (91%)

Green (78%)

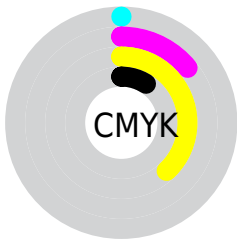
Blue (56%)



Red (76%)

Yellow (91%)

Blue (56%)

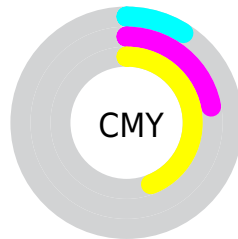


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (9%)



Cyan (9%)


Magenta (22%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8189, 0.3822, 0.3920 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 59.8189, 0.3822, 0.3920 by changing the saturation by 10% instead.


 59.8189, 0.3822,
0.3920


 59.8189, 0.3822,
0.3920


423.9299, 0.3492,
0.3626

 43.2727, 0.3898,
0.3986

 104.5669, 0.3707,
0.3818

 30.0991, 0.3992,
0.4067


 133.5375, 0.3662,
0.3778

 19.9138, 0.4109,
0.4168


167.4183, 0.3624,
0.3744

 12.3324, 0.4260,
0.4294

206.5938, 0.3590,
0.3714

 6.9705, 0.4457,
0.4451

251.4483, 0.3561,
0.3688

 3.4437, 0.4783,
0.4713

302.3662, 0.3536,

 1.3675, 0.5095,

0.3665

0.4905

359.7320, 0.3513,
0.3644

■ 0.1926, 0.5844,
0.4156

■ 0.0000, 0.0000,
0.0000

■ 59.8189, 0.3822,
0.3920

■ 59.8189, 0.3822,
0.3920

■ 55.4398, 0.4039,
0.4081

■ 64.5601, 0.3617,
0.3751

■ 51.4023, 0.4261,
0.4223

■ 69.6666, 0.3427,
0.3582

■ 47.6957, 0.4479,
0.4336

■ 75.1519, 0.3254,
0.3417

■ 44.3052, 0.4682,
0.4407

■ 81.0261, 0.3099,
0.3261

41.2140, 0.4858,
0.4428

87.0736, 0.2980,
0.3148

38.3997, 0.5002,
0.4398

92.1493, 0.2981,
0.3233

37.8860, 0.5028,
0.4390

95.7202, 0.2981,
0.3290

Harmonies

Analogous

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



59.8189, 0.3960, 0.3645



59.8189, 0.3822, 0.3920



59.8189, 0.3497, 0.4042

Triad

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



59.8189, 0.3822, 0.3920



59.8189, 0.2443, 0.3201



59.8189, 0.3124, 0.2744

Complementary

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



59.8189, 0.3822, 0.3920



42.2345, 0.2491, 0.2562

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.



59.8189, 0.2730, 0.2622



59.8189, 0.3822, 0.3920



59.8189, 0.2358, 0.2854

Square

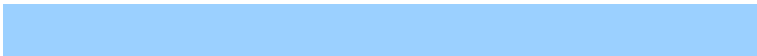
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8189, 0.3822, 0.3920



59.8189, 0.2703, 0.3611



59.8189, 0.2459, 0.2655



59.8189, 0.3544, 0.2989

Rectangle

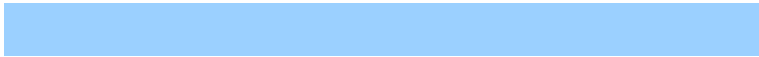
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8189, 0.3822, 0.3920



59.8189, 0.3226, 0.3998



59.8189, 0.2459, 0.2655



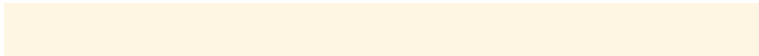
59.8189, 0.2984, 0.2688

Sweetspot

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



59.8217, 0.3822, 0.3920



91.9987, 0.3303, 0.3466



39.7290, 0.3716, 0.2923



19.4892, 0.3327, 0.3488



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.



59.8217, 0.3822, 0.3920



70.3861, 0.3999, 0.4052



74.1998, 0.3609, 0.4264



15.8913, 0.3277, 0.3439



21.4940, 0.5011, 0.4403



1.7634, 0.4860, 0.4523

Inverse Universe

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



42.2345, 0.2491, 0.2562



45.3513, 0.2346, 0.2372



32.3519, 0.2516, 0.2159



14.7393, 0.2981, 0.3136



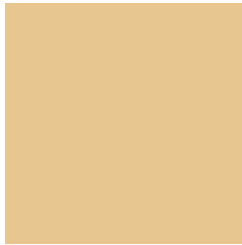
6.9908, 0.1656, 0.1162



0.6884, 0.1738, 0.1455

Previews

White Background



This preview shows how the Yxy color 59.8189, 0.3822, 0.3920 looks on a white background.

Color Contrast Check

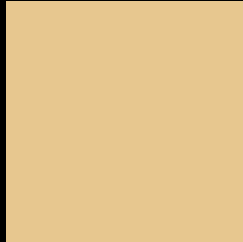
Large Text (above 18pt) WCAG AA × Fail

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 59.8189, 0.3822, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

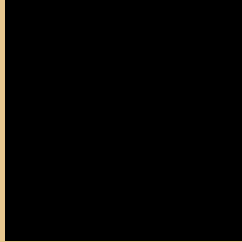
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8189, 0.3822, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 59.8189, 0.3822, 0.3920.



This preview shows how white text looks on a background with the Yxy color 59.8189, 0.3822, 0.3920.

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

59.8189, 0.3822, 0.3920

Protanopia

59.8163, 0.3690, 0.3964

Deuteranopia

59.9211, 0.3926, 0.3846



Tritanopia

59.8950, 0.3397, 0.3128

Trichromacy



Original Color

59.8189, 0.3822, 0.3920

Protanomaly

59.9427, 0.3735, 0.3957

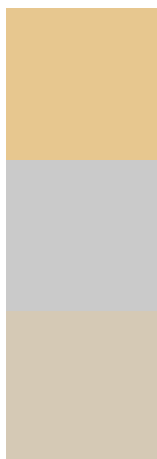
Deuteranomaly

59.6706, 0.3887, 0.3864

Tritanomaly

59.6646, 0.3552, 0.3413

Monochromacy



Original Color

59.8189, 0.3822, 0.3920

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2556, 0.3371, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8189, 0.3822, 0.3920 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(231, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(231, 199, 143)  
}
```

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(231, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 199, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.8189, 0.3822, 0.3920 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(231, 199, 143) }
```

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

```
.border{ border-color:rgb(231, 199, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 199, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(231, 199,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8189, 0.3822, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 199, 143) }
```

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

```
.background{ background-color: rgb(231,  
199, 143) }
```

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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