

Converting Colors

$Yxy(59.6031, 0.3815, 0.3992)$

Have a look what the booklet for
Yxy(59.6031, 0.3815, 0.3992)
contains.

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Color

Yxy(59.5035, 0.3815, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	E3C88B
RGB	227, 200, 139
RGB Percent	89%, 78%, 55%
CMY	0.1098, 0.2157, 0.4550
CMYK	0.00, 0.12, 0.39, 0.11
HSL	42°, 61%, 72%
HSV	42°, 39%, 89%
XYZ	56.9937, 59.5035, 32.8965
YIQ	201.1190, 35.6730, -13.2470

Conversions

Conversions Part 2

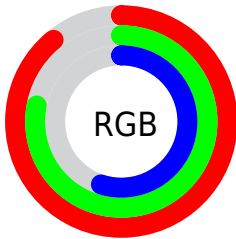
Format	Color
RYB	178, 227, 139
Decimal	14928011
CIELab	81.57, 1.08, 34.02
CIElCh	82, 34.035, 88.179
Yxy	59.5035, 0.3815, 0.3983
Android (android.graphics.Color)	4293118091 (0xFFE3C88B)
YUV	201.1190, -30.6247, 22.6976
Hunter-Lab	77.1385, -3.1079, 28.7121

Details

The Yxy color **59.5035, 0.3815, 0.3983** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.2981, 0.2469, 0.2479**, and the grayscale version is **58.6640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **29.8084, 0.3980, 0.4146** is the 20% darker color. If you saturate the color by 10%, you get **55.7576, 0.4018, 0.4154**, and if you desaturate by 10%, it is **63.5396, 0.3619, 0.3802**.

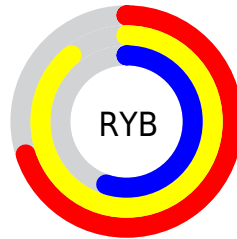
Distribution



Red (89%)

Green (78%)

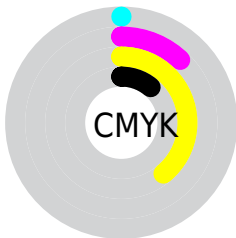
Blue (55%)



Red (70%)

Yellow (89%)

Blue (55%)

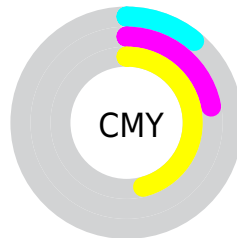


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (11%)



Cyan (11%)


Magenta (22%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5035, 0.3815, 0.3983 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 59.5035, 0.3815, 0.3983 by changing the saturation by 10% instead.

 59.5035, 0.3815,
0.3983


 59.5035, 0.3815,
0.3983


422.7653, 0.3490,
0.3657


 43.0186, 0.3889,
0.4057


 104.1091, 0.3702,
0.3870

 29.8997, 0.3980,
0.4147


 132.9985, 0.3658,
0.3826

 19.7625, 0.4094,
0.4260


 166.7916, 0.3620,
0.3788

 12.2225, 0.4238,
0.4401

205.8727, 0.3587,
0.3755

 6.8954, 0.4422,
0.4579

250.6262, 0.3558,
0.3726

 3.3968, 0.4765,
0.4914

301.4366, 0.3533,

 1.3422, 0.4941,

0.3700

0.5059

358.6881, 0.3510,
0.3678

0.1735, 0.5244,
0.4756

0.0000, 0.0000,
0.0000

59.5035, 0.3815,
0.3983

59.5035, 0.3815,
0.3983

55.7576, 0.4018,
0.4154

63.5396, 0.3619,
0.3802

52.2831, 0.4222,
0.4306

67.8674, 0.3434,
0.3619

49.0713, 0.4416,
0.4426

72.4988, 0.3264,
0.3440

46.1092, 0.4592,
0.4505

77.4424, 0.3109,
0.3270

■ 43.3820, 0.4741,
0.4535

■ 82.7063, 0.2970,
0.3109

■ 40.8681, 0.4859,
0.4517

■ 86.9296, 0.2956,
0.3156

■ 40.5729, 0.4872,
0.4513

■ 91.1494, 0.2957,
0.3227

■ 95.0725, 0.2958,
0.3290

Harmonies

Analogous

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



59.5035, 0.3997, 0.3710



59.5035, 0.3815, 0.3983



59.5035, 0.3452, 0.4082

Triad

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



59.5035, 0.3815, 0.3983



59.5035, 0.2384, 0.3132



59.5035, 0.3191, 0.2750

Complementary

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



59.5035, 0.3815, 0.3983



38.2981, 0.2469, 0.2479

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.



59.5035, 0.2766, 0.2601



59.5035, 0.3815, 0.3983



59.5035, 0.2325, 0.2788

Square

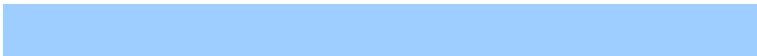
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5035, 0.3815, 0.3983



59.5035, 0.2630, 0.3564



59.5035, 0.2459, 0.2607



59.5035, 0.3626, 0.3021

Rectangle

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



59.5035, 0.3815, 0.3983



59.5035, 0.3163, 0.4010



59.5035, 0.2459, 0.2607



59.5035, 0.3042, 0.2685

Sweetspot

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



59.5063, 0.3815, 0.3983



92.3400, 0.3318, 0.3499



37.5745, 0.3779, 0.2966



19.5938, 0.3341, 0.3522



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.



59.5063, 0.3815, 0.3983



73.2784, 0.3988, 0.4130



70.6366, 0.3583, 0.4293



16.0318, 0.3275, 0.3452



23.8754, 0.4860, 0.4523



1.9269, 0.4739, 0.4619

Inverse Universe

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



38.2981, 0.2469, 0.2479



41.8560, 0.2313, 0.2261



30.9838, 0.2538, 0.2146



14.6046, 0.2981, 0.3122



5.9437, 0.1616, 0.1017



0.5992, 0.1697, 0.1307

Previews

White Background



This preview shows how the Yxy color 59.5035, 0.3815, 0.3983 looks on a white background.

Color Contrast Check

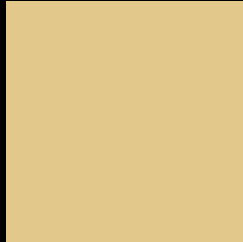
Large Text (above 18pt) WCAG AA × Fail

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 59.5035, 0.3815, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

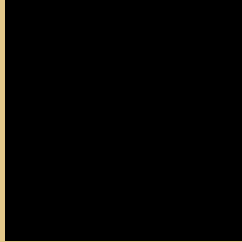
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5035, 0.3815, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 59.5035, 0.3815, 0.3983.



This preview shows how white text looks on a background with the Yxy color 59.5035, 0.3815, 0.3983.

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

59.5035, 0.3815, 0.3983

Protanopia

59.6654, 0.3727, 0.4021

Deuteranopia

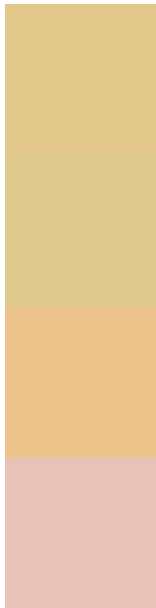
59.3543, 0.3962, 0.3878



Tritanopia

59.2103, 0.3364, 0.3127

Trichromacy



Original Color

59.5035, 0.3815, 0.3983

Protanomaly

59.6641, 0.3756, 0.4004

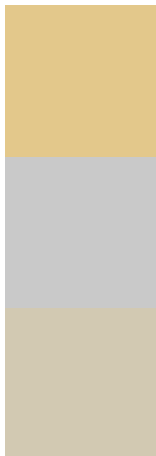
Deuteranomaly

59.3778, 0.3910, 0.3909

Tritanomaly

58.9499, 0.3527, 0.3426

Monochromacy



Original Color

59.5035, 0.3815, 0.3983

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6893, 0.3370, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5035, 0.3815, 0.3983 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(227, 200, 139)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 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(227, 200, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 139) }
```

Border

The CSS property to change the border of an element to Yxy 59.5035, 0.3815, 0.3983 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(227, 200, 139) }
```

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

```
.border{ border-color:rgb(227, 200, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 200, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 139);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5035, 0.3815, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 139) }
```

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

```
.background{ background-color: rgb(227,  
200, 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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