

Converting Colors

Yxy(59.4219, 0.3796, 0.4058)

Have a look what the booklet for
Yxy(59.4219, 0.3796, 0.4058)
contains.

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Color

Yxy(59.5199, 0.3793, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	DECA87
RGB	222, 202, 135
RGB Percent	87%, 79%, 53%
CMY	0.1296, 0.2078, 0.4706
CMYK	0.00, 0.09, 0.39, 0.13
HSL	46°, 57%, 70%
HSV	46°, 39%, 87%
XYZ	55.6057, 59.5199, 31.4752
YIQ	200.3420, 33.4270, -16.5970

Conversions

Conversions Part 2

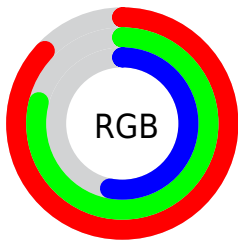
Format	Color
RYB	161, 222, 135
Decimal	14600839
CIELab	81.58, -2.41, 35.99
CIELCh	82, 36.075, 93.828
Yxy	59.5199, 0.3793, 0.4060
Android (android.graphics.Color)	4292790919 (0xFFDECA87)
YUV	200.3420, -32.2136, 18.9941
Hunter-Lab	77.1491, -6.3562, 29.8154

Details

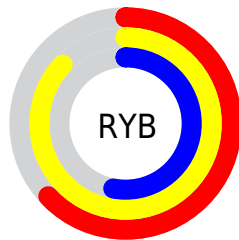
The Yxy color **59.5199, 0.3793, 0.4060** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8361, 0.2448, 0.2375**, and the grayscale version is **58.1653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4541, 0.3520, 0.3939**, and **29.8192, 0.3946, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **56.6135, 0.3977, 0.4246**, and if you desaturate by 10%, it is **62.6408, 0.3610, 0.3863**.

Distribution



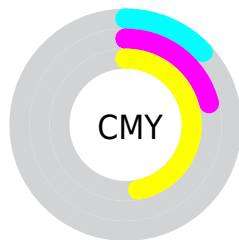
- Red (87%)
- Green (79%)
- Blue (53%)



- Red (63%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5199, 0.3793, 0.4060 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 59.5199, 0.3793, 0.4060 by changing the saturation by 10% instead.


 59.5199, 0.3793,
0.4060

 59.5199, 0.3793,
0.4060

422.8259, 0.3481,
0.3695


 43.0318, 0.3863,
0.4143


 104.1329, 0.3685,
0.3933

 29.9101, 0.3949,
0.4246


 133.0266, 0.3643,
0.3883

 19.7703, 0.4055,
0.4374


 166.8242, 0.3606,
0.3841

 12.2282, 0.4186,
0.4535

205.9102, 0.3575,
0.3804

 6.8993, 0.4348,
0.4740

250.6690, 0.3547,
0.3772

 3.3992, 0.4700,
0.5172

301.4850, 0.3522,

 1.3435, 0.4720,

0.3743

0.5280

358.7424, 0.3500,
0.3718

■ 0.1745, 0.3803,
0.6197

■ 0.0000, 0.0000,
0.0000

■ 59.5199, 0.3793,
0.4060

■ 59.5199, 0.3793,
0.4060

■ 56.6135, 0.3977,
0.4246

■ 62.6408, 0.3610,
0.3863

■ 53.9044, 0.4156,
0.4410

■ 65.9761, 0.3434,
0.3662

■ 51.3855, 0.4321,
0.4541

■ 69.5362, 0.3268,
0.3464

■ 49.0458, 0.4464,
0.4631

■ 73.3282, 0.3115,
0.3275

46.8721, 0.4579,
0.4674

77.3590, 0.2975,
0.3096

44.8442, 0.4666,
0.4673

80.7579, 0.2922,
0.3058

44.6822, 0.4673,
0.4672

83.6715, 0.2924,
0.3112

86.6687, 0.2925,
0.3164

89.7502, 0.2927,
0.3216

Harmonies

Analogous

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



59.5199, 0.4031, 0.3794



59.5199, 0.3793, 0.4060



59.5199, 0.3384, 0.4123

Triad

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



59.5199, 0.3793, 0.4060



59.5199, 0.2315, 0.3041



59.5199, 0.3284, 0.2766

Complementary

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



59.5199, 0.3793, 0.4060



33.8361, 0.2448, 0.2375

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.



59.5199, 0.2822, 0.2581



59.5199, 0.3793, 0.4060



59.5199, 0.2293, 0.2708

Square

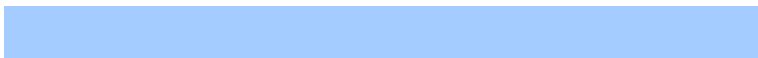
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5199, 0.3793, 0.4060



59.5199, 0.2538, 0.3493



59.5199, 0.2470, 0.2554



59.5199, 0.3731, 0.3069

Rectangle

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



59.5199, 0.3793, 0.4060



59.5199, 0.3076, 0.4013



59.5199, 0.2470, 0.2554



59.5199, 0.3124, 0.2689

Sweetspot

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



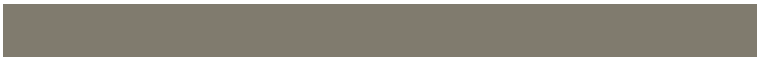
59.5226, 0.3793, 0.4060



93.7912, 0.3316, 0.3521



35.2229, 0.3871, 0.3049



19.9365, 0.3337, 0.3547



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.



59.5226, 0.3793, 0.4060



78.2463, 0.3944, 0.4213



66.0738, 0.3530, 0.4322



15.4691, 0.3273, 0.3470



26.7295, 0.4664, 0.4679



1.9843, 0.4577, 0.4748

Inverse Universe

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



33.8361, 0.2448, 0.2375



38.4402, 0.2291, 0.2143



29.8838, 0.2592, 0.2153



13.7503, 0.2981, 0.3104



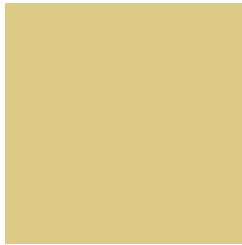
4.6716, 0.1570, 0.0853



0.4588, 0.1650, 0.1141

Previews

White Background



This preview shows how the Yxy color 59.5199, 0.3793, 0.4060 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 59.5199, 0.3793, 0.4060 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 59.5199, 0.3793, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 59.5199, 0.3793, 0.4060.



This preview shows how white text looks on a background with the Yxy color 59.5199, 0.3793, 0.4060.

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

59.5199, 0.3793, 0.4060

Protanopia

59.6768, 0.3772, 0.4075

Deuteranopia

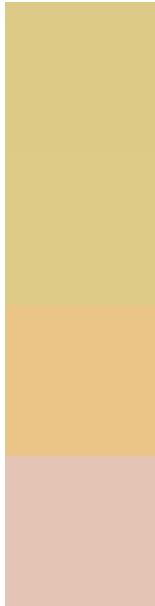
59.4444, 0.3994, 0.3907



Tritanopia

59.5170, 0.3313, 0.3125

Trichromacy



Original Color

59.5199, 0.3793, 0.4060

Protanomaly

59.8333, 0.3781, 0.4072

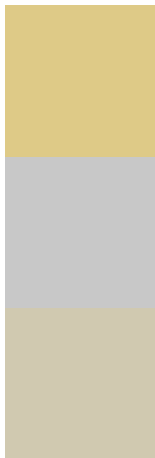
Deuteranomaly

59.3722, 0.3919, 0.3966

Tritanomaly

59.1469, 0.3497, 0.3461

Monochromacy



Original Color

59.5199, 0.3793, 0.4060

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3178, 0.3368, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5199, 0.3793, 0.4060 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(222, 202, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 135)  
}
```

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(222, 202, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 135) }
```

Border

The CSS property to change the border of an element to Yxy 59.5199, 0.3793, 0.4060 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(222, 202, 135) }
```

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

```
.border{ border-color:rgb(222, 202, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 202, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 202, 135); box-shadow:4px 4px 4px 4px rgb(222, 202, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5199, 0.3793, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 135) }
```

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

```
.background{ background-color: rgb(222,  
202, 135) }
```

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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