

Converting Colors

Yxy(59.2030, 0.3639, 0.3901)

Have a look what the booklet for
Yxy(59.2030, 0.3639, 0.3901)
contains.

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Color

Yxy(59.1948, 0.3639, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	D9CA96
RGB	217, 202, 150
RGB Percent	85%, 79%, 59%
CMY	0.1489, 0.2079, 0.4117
CMYK	0.00, 0.07, 0.31, 0.15
HSL	47°, 47%, 72%
HSV	47°, 31%, 85%
XYZ	55.2475, 59.1948, 37.3782
YIQ	200.5570, 25.6320, -12.9920

Conversions

Conversions Part 2

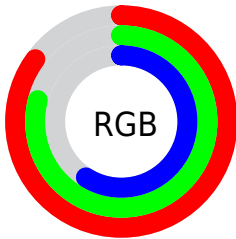
Format	Color
RYB	169, 217, 150
Decimal	14273174
CIELab	81.40, -2.54, 27.89
CIELCh	81, 28.005, 95.206
Yxy	59.1948, 0.3639, 0.3899
Android (android.graphics.Color)	4292463254 (0xFFD9CA96)
YUV	200.5570, -24.9246, 14.4205
Hunter-Lab	76.9382, -6.4652, 25.0524

Details

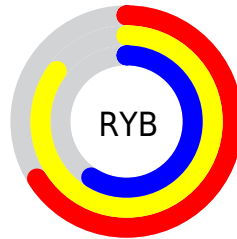
The Yxy color **59.1948, 0.3639, 0.3899** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4268, 0.2606, 0.2596**, and the grayscale version is **58.2695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **29.6577, 0.3758, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **56.3133, 0.3821, 0.4096**, and if you desaturate by 10%, it is **62.2832, 0.3462, 0.3698**.

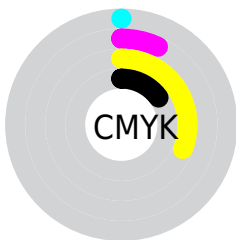
Distribution



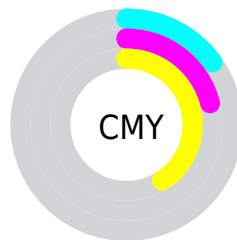
- Red (85%)
- Green (79%)
- Blue (59%)



- Red (66%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (15%)





- Cyan (15%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1948, 0.3639, 0.3899 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 59.1948, 0.3639, 0.3899 by changing the saturation by 10% instead.

 59.1948, 0.3639,
0.3899


 59.1948, 0.3639,
0.3899


421.6234, 0.3397,
0.3607

 42.7700, 0.3695,
0.3967


 103.6607, 0.3554,
0.3796

 29.7047, 0.3764,
0.4052


 132.4706, 0.3521,
0.3757

 19.6145, 0.3851,
0.4160


166.1776, 0.3493,
0.3723

 12.1152, 0.3964,
0.4301

205.1661, 0.3469,
0.3694

 6.8222, 0.4111,
0.4491

249.8206, 0.3447,
0.3668

 3.3511, 0.4328,
0.4775

300.5254, 0.3428,

 1.3177, 0.4710,

0.3645

0.5290

357.6648, 0.3412,
0.3625

0.1548, 0.3548,
0.6452

0.0000, 0.0000,
0.0000

59.1948, 0.3639,
0.3899

59.1948, 0.3639,
0.3899

56.3133, 0.3821,
0.4096

62.2832, 0.3462,
0.3698

53.6229, 0.4004,
0.4280

65.5777, 0.3295,
0.3498

51.1177, 0.4179,
0.4440

69.0878, 0.3140,
0.3306

48.7883, 0.4339,
0.4566

72.8199, 0.2998,
0.3125

46.6240, 0.4476,
0.4649

76.5501, 0.2889,
0.2990

44.6121, 0.4584,
0.4685

79.2403, 0.2891,
0.3042

42.8889, 0.4660,
0.4682

82.0063, 0.2893,
0.3094

84.8488, 0.2895,
0.3145

87.7682, 0.2897,
0.3195

Harmonies

Analogous

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



59.1948, 0.3827, 0.3707



59.1948, 0.3639, 0.3899



59.1948, 0.3318, 0.3927

Triad

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



59.1948, 0.3639, 0.3899



59.1948, 0.2482, 0.3089



59.1948, 0.3270, 0.2884

Complementary

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



59.1948, 0.3639, 0.3899



38.4268, 0.2606, 0.2596

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.



59.1948, 0.2907, 0.2731



59.1948, 0.3639, 0.3899



59.1948, 0.2469, 0.2829

Square

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



59.1948, 0.3639, 0.3899



59.1948, 0.2655, 0.3434



59.1948, 0.2620, 0.2707



59.1948, 0.3610, 0.3132

Rectangle

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



59.1948, 0.3639, 0.3899



59.1948, 0.3076, 0.3832



59.1948, 0.2620, 0.2707



59.1948, 0.3146, 0.2820

Sweetspot

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



59.1975, 0.3639, 0.3899



95.3686, 0.3267, 0.3463



39.3169, 0.3659, 0.3102



20.2578, 0.3290, 0.3492



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.



59.1975, 0.3639, 0.3899



82.5744, 0.3756, 0.4027



64.0042, 0.3450, 0.4095



14.7426, 0.3272, 0.3470



26.1209, 0.4652, 0.4688



1.8165, 0.4562, 0.4760

Inverse Universe

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



38.4268, 0.2606, 0.2596



48.1396, 0.2483, 0.2421



35.1449, 0.2727, 0.2423



13.0885, 0.2981, 0.3103



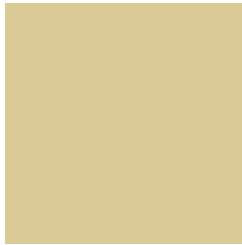
4.4766, 0.1568, 0.0846



0.4200, 0.1653, 0.1152

Previews

White Background



This preview shows how the Yxy color 59.1948, 0.3639, 0.3899 looks on a white background.

Color Contrast Check

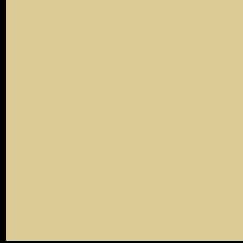
Large Text (above 18pt) WCAG AA × Fail

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 59.1948, 0.3639, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

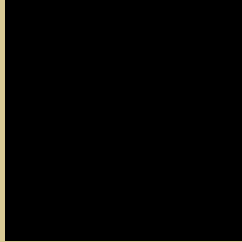
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1948, 0.3639, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 59.1948, 0.3639, 0.3899.



This preview shows how white text looks on a background with the Yxy color 59.1948, 0.3639, 0.3899.

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

59.1948, 0.3639, 0.3899

Protanopia

59.1948, 0.3639, 0.3899

Deuteranopia

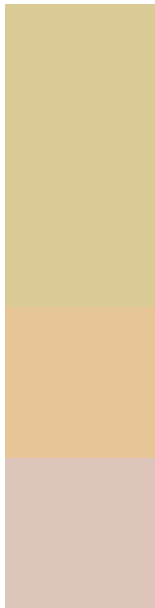
59.0277, 0.3831, 0.3756



Tritanopia

59.0343, 0.3255, 0.3123

Trichromacy



Original Color

59.1948, 0.3639, 0.3899

Protanomaly

59.1948, 0.3639, 0.3899

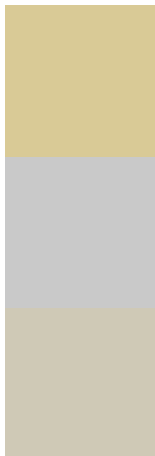
Deuteranomaly

58.9899, 0.3759, 0.3811

Tritanomaly

58.9355, 0.3390, 0.3394

Monochromacy



Original Color

59.1948, 0.3639, 0.3899

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4161, 0.3315, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1948, 0.3639, 0.3899 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(217, 202, 150)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 150)  
}
```

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(217, 202, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 150) }
```

Border

The CSS property to change the border of an element to Yxy 59.1948, 0.3639, 0.3899 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(217, 202, 150) }
```

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

```
.border{ border-color:rgb(217, 202, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 202, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 150);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1948, 0.3639, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 150) }
```

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

```
.background{ background-color: rgb(217,  
202, 150) }
```

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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