

Converting Colors

$Yxy(59.8446, 0.3549, 0.3896)$

Have a look what the booklet for
Yxy(59.8446, 0.3549, 0.3896)
contains.

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Color

Yxy(59.8446, 0.3549, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	D3CD9A
RGB	211, 205, 154
RGB Percent	83%, 80%, 60%
CMY	0.1728, 0.1960, 0.3961
CMYK	0.00, 0.03, 0.27, 0.17
HSL	54°, 39%, 72%
HSV	54°, 27%, 83%
XYZ	54.5145, 59.8446, 39.2461
YIQ	200.9800, 19.9470, -14.5890

Conversions

Conversions Part 2

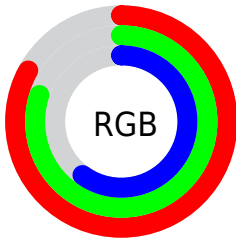
Format	Color
RYB	161, 211, 154
Decimal	13880730
CIELab	81.75, -5.93, 26.21
CIELCh	82, 26.868, 102.740
Yxy	59.8446, 0.3549, 0.3896
Android (android.graphics.Color)	4292070810 (0xFFD3CD9A)
YUV	200.9800, -23.1611, 8.7875
Hunter-Lab	77.3593, -9.5912, 24.0723

Details

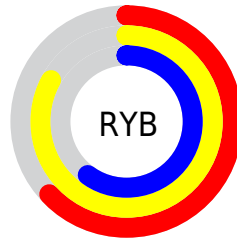
The Yxy color **59.8446, 0.3549, 0.3896** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6793, 0.2669, 0.2601**, and the grayscale version is **58.5290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **30.1604, 0.3658, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **58.1640, 0.3711, 0.4120**, and if you desaturate by 10%, it is **61.6687, 0.3388, 0.3668**.

Distribution



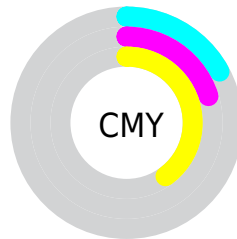
- Red (83%)
- Green (80%)
- Blue (60%)



- Red (63%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8446, 0.3549, 0.3896 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 59.8446, 0.3549, 0.3896 by changing the saturation by 10% instead.


 59.8446, 0.3549,
0.3896

 59.8446, 0.3549,
0.3896


424.0247, 0.3350,
0.3604

 43.2934, 0.3595,
0.3965


 104.6042, 0.3480,
0.3792

 30.1154, 0.3651,
0.4052


 133.5814, 0.3453,
0.3753

 19.9262, 0.3721,
0.4163

167.4694, 0.3430,
0.3719

 12.3414, 0.3812,
0.4311

206.6525, 0.3410,
0.3690

 6.9766, 0.3930,
0.4513

251.5152, 0.3392,
0.3664

 3.4475, 0.4089,
0.4809

302.4419, 0.3377,

 1.3696, 0.4494,

0.3641

0.5506

359.8169, 0.3363,
0.3621

0.1941, 0.1704,
0.8296

0.0000, 0.0000,
0.0000

59.8446, 0.3549,
0.3896

59.8446, 0.3549,
0.3896

58.1640, 0.3711,
0.4120

61.6687, 0.3388,
0.3668

56.6125, 0.3868,
0.4331

63.6344, 0.3232,
0.3443


55.1854, 0.4015,
0.4519

65.7500, 0.3084,
0.3226


53.8751, 0.4143,
0.4676


68.0208, 0.2946,
0.3021


 52.6725, 0.4248,
0.4791


 70.1610, 0.2845,
0.2874

 51.5674, 0.4326,
0.4863

 71.2910, 0.2846,
0.2898

 50.5459, 0.4377,
0.4892

 72.4360, 0.2847,
0.2922

 50.2482, 0.4390,
0.4896

 73.5961, 0.2849,
0.2946

 74.7714, 0.2850,
0.2970

Harmonies

Analogous

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



59.8446, 0.3767, 0.3747



59.8446, 0.3549, 0.3896



59.8446, 0.3224, 0.3873

Triad

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



59.8446, 0.3549, 0.3896



59.8446, 0.2490, 0.3026



59.8446, 0.3352, 0.2954

Complementary

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



59.8446, 0.3549, 0.3896



36.6793, 0.2669, 0.2601

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.



59.8446, 0.3000, 0.2780



59.8446, 0.3549, 0.3896



59.8446, 0.2519, 0.2806

Square

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



59.8446, 0.3549, 0.3896



59.8446, 0.2620, 0.3343



59.8446, 0.2700, 0.2724



59.8446, 0.3654, 0.3208

Rectangle

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



59.8446, 0.3549, 0.3896



59.8446, 0.2994, 0.3752



59.8446, 0.2700, 0.2724



59.8446, 0.3235, 0.2885

Sweetspot

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



59.8473, 0.3549, 0.3896



97.4106, 0.3248, 0.3467



39.5094, 0.3639, 0.3209



20.7493, 0.3272, 0.3501



0.0000, 0.0000, 0.0000



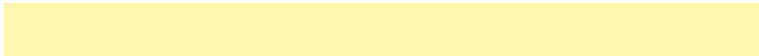
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8473, 0.3549, 0.3896



90.5238, 0.3636, 0.4017



59.7242, 0.3357, 0.4000



13.5790, 0.3269, 0.3496



30.4330, 0.4387, 0.4899



1.7634, 0.4347, 0.4931

Inverse Universe

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



36.6793, 0.2669, 0.2601



49.5547, 0.2565, 0.2440



37.0186, 0.2844, 0.2557



11.6124, 0.2982, 0.3075



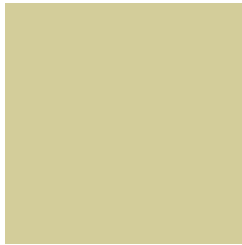
3.2543, 0.1522, 0.0678



0.2507, 0.1582, 0.0896

Previews

White Background



This preview shows how the Yxy color 59.8446, 0.3549, 0.3896 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 59.8446, 0.3549, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

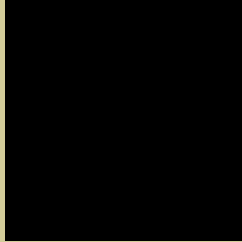
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

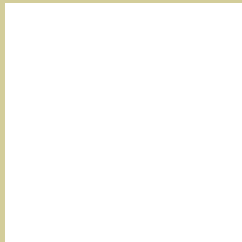
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8446, 0.3549, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 59.8446, 0.3549, 0.3896.



This preview shows how white text looks on a background with the Yxy color 59.8446, 0.3549, 0.3896.

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

59.8446, 0.3549, 0.3896

Protanopia

59.7635, 0.3613, 0.3875

Deuteranopia

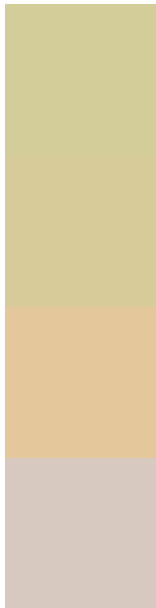
59.6077, 0.3795, 0.3722



Tritanopia

59.6420, 0.3175, 0.3110

Trichromacy



Original Color

59.8446, 0.3549, 0.3896

Protanomaly

59.9327, 0.3593, 0.3890

Deuteranomaly

59.7074, 0.3704, 0.3791

Tritanomaly

59.5614, 0.3305, 0.3383

Monochromacy



Original Color

59.8446, 0.3549, 0.3896

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6809, 0.3282, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8446, 0.3549, 0.3896 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(211, 205, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 154)  
}
```

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(211, 205, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 154) }
```

Border

The CSS property to change the border of an element to Yxy 59.8446, 0.3549, 0.3896 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(211, 205, 154) }
```

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

```
.border{ border-color:rgb(211, 205, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8446, 0.3549, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 154) }
```

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

```
.background{ background-color: rgb(211,  
205, 154) }
```

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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