

Converting Colors

$Yxy(59.1846, 0.3463, 0.3723)$

Have a look what the booklet for
Yxy(59.1846, 0.3463, 0.3723)
contains.

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Color

Yxy(59.3139, 0.3465, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	D3CBA6
RGB	211, 203, 166
RGB Percent	83%, 80%, 65%
CMY	0.1726, 0.2039, 0.3491
CMYK	0.00, 0.04, 0.21, 0.17
HSL	49°, 34%, 74%
HSV	49°, 21%, 83%
XYZ	55.0999, 59.3139, 44.6047
YIQ	201.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

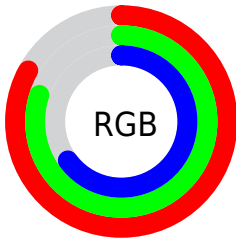
Format	Color
RYB	176, 211, 166
Decimal	13880230
CIELab	81.46, -3.19, 19.50
CIELCh	81, 19.763, 99.301
Yxy	59.3139, 0.3465, 0.3730
Android (android.graphics.Color)	4292070310 (0xFFD3CBA6)
YUV	201.1740, -17.3408, 8.6174
Hunter-Lab	77.0155, -7.0713, 19.5722

Details

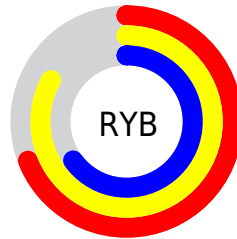
The Yxy color **59.3139, 0.3465, 0.3730** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0623, 0.2778, 0.2808**, and the grayscale version is **58.6239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **29.7777, 0.3548, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **56.8577, 0.3636, 0.3942**, and if you desaturate by 10%, it is **61.9452, 0.3301, 0.3520**.

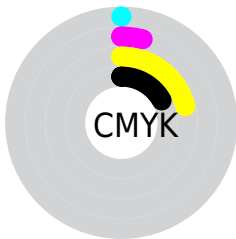
Distribution



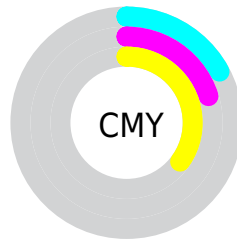
- Red (83%)
- Green (80%)
- Blue (65%)



- Red (69%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3139, 0.3465, 0.3730 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 59.3139, 0.3465, 0.3730 by changing the saturation by 10% instead.


 59.3139, 0.3465,
0.3730

 59.3139, 0.3465,
0.3730


422.0642, 0.3304,
0.3518

 42.8659, 0.3503,
0.3780


 103.8337, 0.3408,
0.3655

 29.7799, 0.3550,
0.3844


 132.6743, 0.3387,
0.3626

 19.6716, 0.3610,
0.3926


166.4146, 0.3368,
0.3601

 12.1565, 0.3689,
0.4035


205.4389, 0.3352,
0.3580

 6.8504, 0.3797,
0.4188

250.1316, 0.3338,
0.3562

 3.3687, 0.3951,
0.4414

300.8771, 0.3325,

 1.3271, 0.4634,

0.3545

0.5293

358.0598, 0.3314,
0.3531

0.1621, 0.3194,
0.6806

0.0000, 0.0000,
0.0000

59.3139, 0.3465,
0.3730

59.3139, 0.3465,
0.3730

56.8577, 0.3636,
0.3942

61.9452, 0.3301,
0.3520

54.5621, 0.3810,
0.4147

64.7496, 0.3147,
0.3317

52.4227, 0.3980,
0.4338

67.7355, 0.3004,
0.3124

50.4319, 0.4140,
0.4504

70.9083, 0.2874,
0.2943

■ 48.5812, 0.4283,
0.4635

■ 73.1667, 0.2849,
0.2937

■ 46.8608, 0.4401,
0.4723

■ 75.1744, 0.2851,
0.2978

■ 45.2592, 0.4491,
0.4765

■ 77.2266, 0.2853,
0.3018

■ 43.9511, 0.4549,
0.4770

■ 79.3234, 0.2855,
0.3058

■ 81.4652, 0.2857,
0.3098

Harmonies

Analogous

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



59.3139, 0.3610, 0.3615



59.3139, 0.3465, 0.3730



59.3139, 0.3232, 0.3723

Triad

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



59.3139, 0.3465, 0.3730



59.3139, 0.2657, 0.3124



59.3139, 0.3266, 0.3019

Complementary

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



59.3139, 0.3465, 0.3730



43.0623, 0.2778, 0.2808

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.



59.3139, 0.3007, 0.2897



59.3139, 0.3465, 0.3730



59.3139, 0.2664, 0.2947

Square

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



59.3139, 0.3465, 0.3730



59.3139, 0.2769, 0.3360



59.3139, 0.2789, 0.2869



59.3139, 0.3494, 0.3208

Rectangle

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



59.3139, 0.3465, 0.3730



59.3139, 0.3060, 0.3644



59.3139, 0.2789, 0.2869



59.3139, 0.3179, 0.2970

Sweetspot

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



59.3166, 0.3465, 0.3730



97.3336, 0.3218, 0.3412



44.1741, 0.3478, 0.3190



20.7726, 0.3229, 0.3425



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.



59.3166, 0.3465, 0.3730



89.1637, 0.3549, 0.3835



61.1749, 0.3334, 0.3838



13.4259, 0.3270, 0.3480



26.6606, 0.4543, 0.4775



1.5864, 0.4468, 0.4835

Inverse Universe

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



43.0623, 0.2778, 0.2808



59.5243, 0.2688, 0.2679



41.6944, 0.2887, 0.2720



11.7520, 0.2982, 0.3093



3.7599, 0.1547, 0.0770



0.3159, 0.1635, 0.1087

Previews

White Background



This preview shows how the Yxy color 59.3139, 0.3465, 0.3730 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 59.3139, 0.3465, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

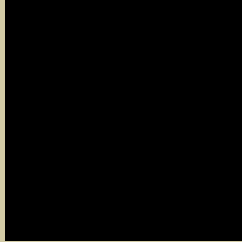
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

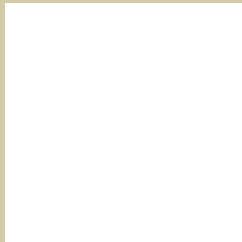
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3139, 0.3465, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 59.3139, 0.3465, 0.3730.



This preview shows how white text looks on a background with the Yxy color 59.3139, 0.3465, 0.3730.

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

59.3139, 0.3465, 0.3730

Protanopia

59.2538, 0.3500, 0.3727

Deuteranopia

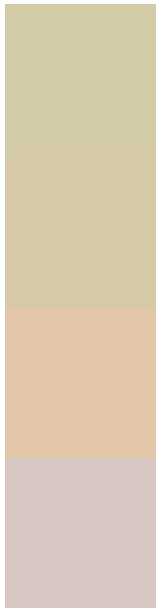
59.3498, 0.3664, 0.3593



Tritanopia

59.4377, 0.3174, 0.3120

Trichromacy



Original Color

59.3139, 0.3465, 0.3730

Protanomaly

59.1038, 0.3491, 0.3728

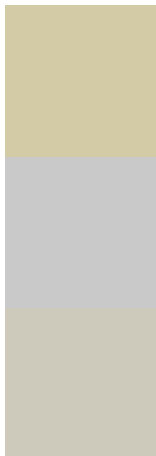
Deuteranomaly

59.3469, 0.3595, 0.3645

Tritanomaly

59.2341, 0.3284, 0.3337

Monochromacy



Original Color

59.3139, 0.3465, 0.3730

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8510, 0.3253, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3139, 0.3465, 0.3730 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, 203, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 203, 166)  
}
```

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, 203, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 203, 166) }
```

Border

The CSS property to change the border of an element to Yxy 59.3139, 0.3465, 0.3730 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, 203, 166) }
```

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

```
.border{ border-color:rgb(211, 203, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 203, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 203, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 203, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 203,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3139, 0.3465, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 203, 166) }
```

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

```
.background{ background-color: rgb(211,  
203, 166) }
```

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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