

Converting Colors

Yxy(58.4711, 0.3459, 0.3722)

Have a look what the booklet for
Yxy(58.4711, 0.3459, 0.3722)
contains.

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Color

Yxy(58.6959, 0.3459, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	D2CAA6
RGB	210, 202, 166
RGB Percent	82%, 79%, 65%
CMY	0.1763, 0.2079, 0.3489
CMYK	0.00, 0.04, 0.21, 0.18
HSL	49°, 33%, 74%
HSV	49°, 21%, 82%
XYZ	54.5924, 58.6959, 44.5388
YIQ	200.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

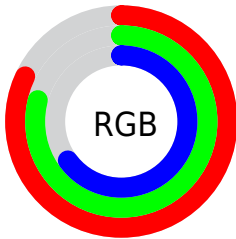
Format	Color
RYB	176, 210, 166
Decimal	13814438
CIELab	81.12, -3.01, 18.99
CIElCh	81, 19.229, 99.018
Yxy	58.6959, 0.3459, 0.3719
Android (android.graphics.Color)	4292004518 (0xFFD2CAA6)
YUV	200.2880, -16.9040, 8.5174
Hunter-Lab	76.6132, -6.8792, 19.1613

Details

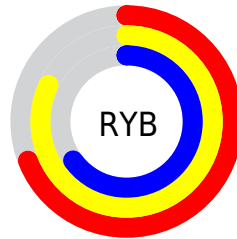
The Yxy color **58.6959, 0.3459, 0.3719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0662, 0.2785, 0.2821**, and the grayscale version is **58.0498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **29.3633, 0.3541, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **56.2087, 0.3630, 0.3929**, and if you desaturate by 10%, it is **61.3591, 0.3295, 0.3510**.

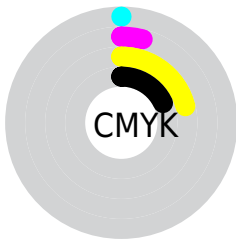
Distribution



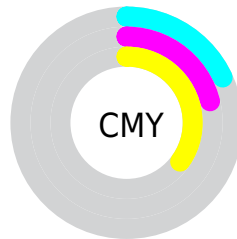
- Red (82%)
- Green (79%)
- Blue (65%)



- Red (69%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6959, 0.3459, 0.3719 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 58.6959, 0.3459, 0.3719 by changing the saturation by 10% instead.


 58.6959, 0.3459,
0.3719


 58.6959, 0.3459,
0.3719


419.7740, 0.3301,
0.3512

 42.3684, 0.3496,
0.3768


 102.9356, 0.3403,
0.3645

 29.3898, 0.3543,
0.3831


 131.6165, 0.3382,
0.3617

 19.3759, 0.3602,
0.3911

165.1840, 0.3363,
0.3593

 11.9422, 0.3681,
0.4018

204.0225, 0.3347,
0.3573

 6.7044, 0.3789,
0.4169

248.5163, 0.3334,
0.3554

 3.2779, 0.3944,
0.4393

299.0499, 0.3321,

 1.2785, 0.4652,

0.3539

0.5293

356.0077, 0.3310,
0.3524

0.1245, 0.2643,
0.7357

0.0000, 0.0000,
0.0000

58.6959, 0.3459,
0.3719

58.6959, 0.3459,
0.3719

56.2087, 0.3630,
0.3929

61.3591, 0.3295,
0.3510

53.8833, 0.3805,
0.4134

64.1965, 0.3141,
0.3309

51.7153, 0.3977,
0.4325

67.2164, 0.2999,
0.3118

49.6972, 0.4139,
0.4491

70.4241, 0.2869,
0.2939

■ 47.8205, 0.4284,
0.4623

■ 72.7478, 0.2842,
0.2931

■ 46.0757, 0.4406,
0.4712

■ 74.8026, 0.2844,
0.2972

■ 44.4513, 0.4499,
0.4755

■ 76.9041, 0.2846,
0.3014

■ 43.0682, 0.4561,
0.4760

■ 79.0528, 0.2849,
0.3055

■ 81.2487, 0.2851,
0.3096

Harmonies

Analogous

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



58.6959, 0.3600, 0.3606



58.6959, 0.3459, 0.3719



58.6959, 0.3232, 0.3713

Triad

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



58.6959, 0.3459, 0.3719



58.6959, 0.2668, 0.3130



58.6959, 0.3260, 0.3024

Complementary

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



58.6959, 0.3459, 0.3719



43.0662, 0.2785, 0.2821

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.



58.6959, 0.3008, 0.2905



58.6959, 0.3459, 0.3719



58.6959, 0.2674, 0.2957

Square

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



58.6959, 0.3459, 0.3719



58.6959, 0.2779, 0.3361



58.6959, 0.2795, 0.2879



58.6959, 0.3484, 0.3208

Rectangle

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



58.6959, 0.3459, 0.3719



58.6959, 0.3064, 0.3637



58.6959, 0.2795, 0.2879



58.6959, 0.3176, 0.2975

Sweetspot

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



58.6985, 0.3459, 0.3719



97.2806, 0.3218, 0.3411



44.0484, 0.3470, 0.3192



20.7600, 0.3229, 0.3424



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.



58.6985, 0.3459, 0.3719



89.3363, 0.3532, 0.3810



60.6181, 0.3330, 0.3828



13.4145, 0.3270, 0.3479



26.3951, 0.4555, 0.4765



1.5738, 0.4477, 0.4827

Inverse Universe

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



43.0662, 0.2785, 0.2821



60.9991, 0.2707, 0.2710



41.6350, 0.2892, 0.2731



11.7625, 0.2982, 0.3094



3.8073, 0.1550, 0.0778



0.3207, 0.1639, 0.1100

Previews

White Background



This preview shows how the Yxy color 58.6959, 0.3459, 0.3719 looks on a white background.

Color Contrast Check

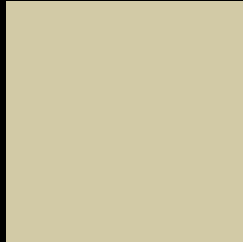
Large Text (above 18pt) WCAG AA × Fail

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 58.6959, 0.3459, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

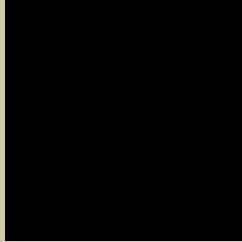
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

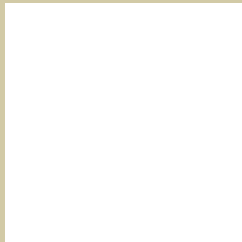
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6959, 0.3459, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 58.6959, 0.3459, 0.3719.



This preview shows how white text looks on a background with the Yxy color 58.6959, 0.3459, 0.3719.

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

58.6959, 0.3459, 0.3719

Protanopia

58.6726, 0.3486, 0.3705

Deuteranopia

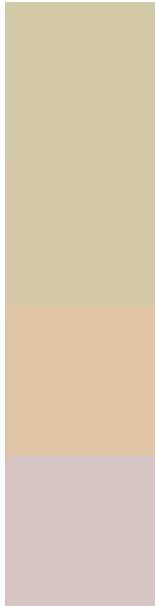
58.7344, 0.3658, 0.3583



Tritanopia

58.7819, 0.3175, 0.3120

Trichromacy



Original Color

58.6959, 0.3459, 0.3719

Protanomaly

58.5235, 0.3478, 0.3706

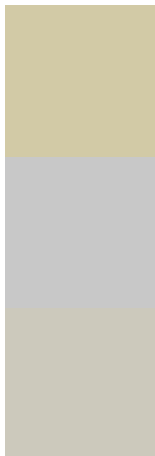
Deuteranomaly

58.7301, 0.3590, 0.3635

Tritanomaly

58.6244, 0.3277, 0.3325

Monochromacy



Original Color

58.6959, 0.3459, 0.3719

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2415, 0.3246, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6959, 0.3459, 0.3719 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(210, 202, 166)` looks like.

```
.text, #text, p{  
    color:rgb(210, 202, 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(210, 202, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 166) }
```

Border

The CSS property to change the border of an element to Yxy 58.6959, 0.3459, 0.3719 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(210, 202, 166) }
```

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

```
.border{ border-color:rgb(210, 202, 166) }
```

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

Here you see how a box with a 4 pixel rgb(210, 202, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 202, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 202, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 202,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6959, 0.3459, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 166) }
```

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

```
.background{ background-color: rgb(210,  
202, 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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