

Converting Colors

$Yxy(63.9009, 0.3439, 0.3705)$

Have a look what the booklet for
Yxy(63.9009, 0.3439, 0.3705)
contains.

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Color

Yxy(63.9009, 0.3439, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	D9D2AE
RGB	217, 210, 174
RGB Percent	85%, 82%, 68%
CMY	0.1488, 0.1765, 0.3176
CMYK	0.00, 0.03, 0.20, 0.15
HSL	50°, 36%, 77%
HSV	50°, 20%, 85%
XYZ	59.3131, 63.9009, 49.2580
YIQ	207.9890, 15.7280, -9.7120

Conversions

Conversions Part 2

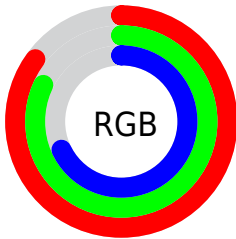
Format	Color
RYB	182, 217, 174
Decimal	14275246
CIELab	83.91, -3.39, 18.73
CIELCh	84, 19.037, 100.256
Yxy	63.9009, 0.3439, 0.3705
Android (android.graphics.Color)	4292465326 (0xFFD9D2AE)
YUV	207.9890, -16.7566, 7.9026
Hunter-Lab	79.9380, -7.4465, 19.4220

Details

The Yxy color **63.9009, 0.3439, 0.3705** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0889, 0.2804, 0.2838**, and the grayscale version is **63.1779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **32.8388, 0.3520, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **61.3862, 0.3608, 0.3920**, and if you desaturate by 10%, it is **66.5972, 0.3277, 0.3492**.

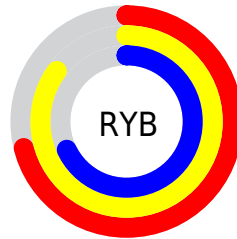
Distribution



Red (85%)

Green (82%)

Blue (68%)



Red (71%)

Yellow (85%)

Blue (68%)

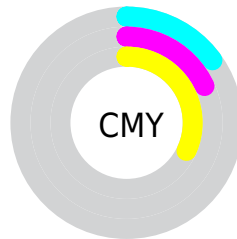


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (18%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9009, 0.3439, 0.3705 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 63.9009, 0.3439, 0.3705 by changing the saturation by 10% instead.


 63.9009, 0.3439,
0.3705

 63.9009, 0.3439,
0.3705


438.8317, 0.3292,
0.3507

 46.5704, 0.3473,
0.3751

 110.4682, 0.3388,
0.3635

 32.6962, 0.3515,
0.3809


140.4738, 0.3368,
0.3609

 21.8938, 0.3568,
0.3884


175.4732, 0.3351,
0.3586

 13.7789, 0.3638,
0.3983

215.8509, 0.3336,
0.3566

 7.9670, 0.3733,
0.4119

261.9912, 0.3323,
0.3548

 4.0739, 0.3868,
0.4319

314.2785, 0.3312,

 1.7150, 0.4195,

0.3533

0.4781

373.0972, 0.3302,
0.3520

0.4333, 0.4317,
0.5683

0.0000, 0.0000,
0.0000

63.9009, 0.3439,
0.3705

63.9009, 0.3439,
0.3705

61.3862, 0.3608,
0.3920

66.5972, 0.3277,
0.3492

59.0378, 0.3779,
0.4130

69.4729, 0.3125,
0.3287

56.8511, 0.3948,
0.4326

72.5368, 0.2984,
0.3092

54.8181, 0.4106,
0.4498

75.4133, 0.2888,
0.2968

■ 52.9299, 0.4248,
0.4637

■ 77.3494, 0.2890,
0.3006

■ 51.1763, 0.4365,
0.4733

■ 79.3258, 0.2891,
0.3044

■ 49.5454, 0.4454,
0.4783

■ 81.3428, 0.2893,
0.3081

■ 48.0165, 0.4518,
0.4794

■ 83.4006, 0.2894,
0.3119

■ 47.9906, 0.4519,
0.4794

■ 85.4993, 0.2895,
0.3156

Harmonies

Analogous

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



63.9009, 0.3578, 0.3601



63.9009, 0.3439, 0.3705



63.9009, 0.3218, 0.3694

Triad

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



63.9009, 0.3439, 0.3705



63.9009, 0.2682, 0.3128



63.9009, 0.3265, 0.3040

Complementary

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



63.9009, 0.3439, 0.3705



47.0889, 0.2804, 0.2838

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.



63.9009, 0.3022, 0.2922



63.9009, 0.3439, 0.3705



63.9009, 0.2693, 0.2964

Square

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



63.9009, 0.3439, 0.3705



63.9009, 0.2785, 0.3349



63.9009, 0.2815, 0.2893



63.9009, 0.3477, 0.3220

Rectangle

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



63.9009, 0.3439, 0.3705



63.9009, 0.3057, 0.3617



63.9009, 0.2815, 0.2893



63.9009, 0.3184, 0.2992

Sweetspot

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



63.9037, 0.3439, 0.3705



97.4629, 0.3218, 0.3413



48.3799, 0.3454, 0.3206



20.8032, 0.3228, 0.3427



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.



63.9037, 0.3439, 0.3705



90.4285, 0.3513, 0.3800



65.3617, 0.3314, 0.3799



14.8813, 0.3271, 0.3484



29.1690, 0.4514, 0.4798



1.9887, 0.4453, 0.4846

Inverse Universe

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



47.0889, 0.2804, 0.2838



61.7712, 0.2724, 0.2723



46.0262, 0.2912, 0.2764



12.9605, 0.2981, 0.3088



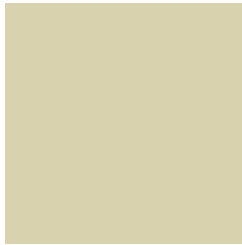
3.8841, 0.1541, 0.0748



0.3599, 0.1615, 0.1015

Previews

White Background



This preview shows how the Yxy color 63.9009, 0.3439, 0.3705 looks on a white background.

Color Contrast Check

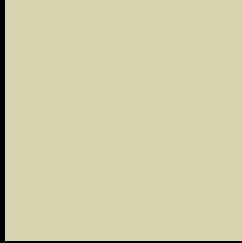
Large Text (above 18pt) WCAG AA × Fail

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 63.9009, 0.3439, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

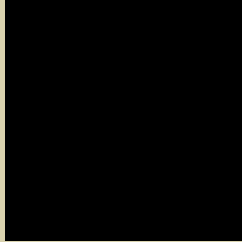
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

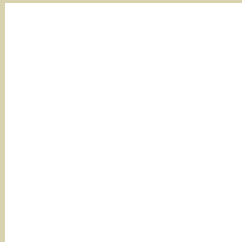
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9009, 0.3439, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 63.9009, 0.3439, 0.3705.



This preview shows how white text looks on a background with the Yxy color 63.9009, 0.3439, 0.3705.

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

63.9009, 0.3439, 0.3705

Protanopia

63.9902, 0.3480, 0.3702

Deuteranopia

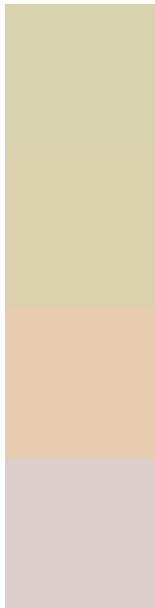
63.6086, 0.3641, 0.3563



Tritanopia

64.0410, 0.3158, 0.3114

Trichromacy



Original Color

63.9009, 0.3439, 0.3705

Protanomaly

63.8337, 0.3472, 0.3703

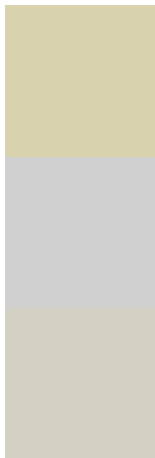
Deuteranomaly

63.4367, 0.3567, 0.3614

Tritanomaly

63.8266, 0.3264, 0.3324

Monochromacy



Original Color

63.9009, 0.3439, 0.3705

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4353, 0.3234, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9009, 0.3439, 0.3705 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, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 174)  
}
```

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, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 174) }
```

Border

The CSS property to change the border of an element to Yxy 63.9009, 0.3439, 0.3705 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, 210, 174) }
```

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

```
.border{ border-color:rgb(217, 210, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 210,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9009, 0.3439, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 174) }
```

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

```
.background{ background-color: rgb(217,  
210, 174) }
```

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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