

Converting Colors

$Y_{xy}(59.0322, 0.3500, 0.3736)$

Have a look what the booklet for
Yxy(59.0322, 0.3500, 0.3736)
contains.

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Color

Yxy(59.0675, 0.3499, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	D5CAA4
RGB	213, 202, 164
RGB Percent	84%, 79%, 64%
CMY	0.1647, 0.2078, 0.3569
CMYK	0.00, 0.05, 0.23, 0.16
HSL	47°, 37%, 74%
HSV	47°, 23%, 84%
XYZ	55.2613, 59.0675, 43.6057
YIQ	200.9570, 18.7540, -9.4860

Conversions

Conversions Part 2

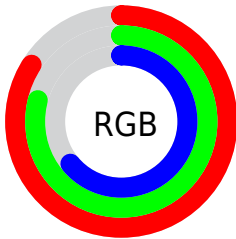
Format	Color
RYB	178, 213, 164
Decimal	14011044
CIELab	81.33, -2.21, 20.39
CIELCh	81, 20.507, 96.173
Yxy	59.0675, 0.3499, 0.3740
Android (android.graphics.Color)	4292201124 (0xFFD5CAA4)
YUV	200.9570, -18.2198, 10.5617
Hunter-Lab	76.8554, -6.1502, 20.1592

Details

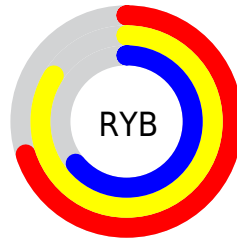
The Yxy color **59.0675, 0.3499, 0.3740** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.3504, 0.2750, 0.2796**, and the grayscale version is **58.4880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **29.6188, 0.3595, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **56.1560, 0.3677, 0.3941**, and if you desaturate by 10%, it is **62.1827, 0.3330, 0.3540**.

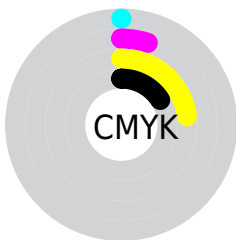
Distribution



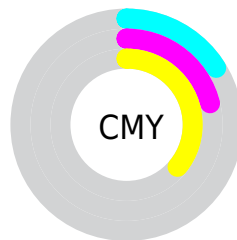
- Red (84%)
- Green (79%)
- Blue (64%)



- Red (70%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0675, 0.3499, 0.3740 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 59.0675, 0.3499, 0.3740 by changing the saturation by 10% instead.


 59.0675, 0.3499,
0.3740


 59.0675, 0.3499,
0.3740


421.1520, 0.3322,
0.3524

 42.6675, 0.3541,
0.3791


 103.4758, 0.3437,
0.3663

 29.6243, 0.3592,
0.3856


 132.2528, 0.3412,
0.3634

 19.5536, 0.3659,
0.3939


165.9242, 0.3392,
0.3609

 12.0710, 0.3746,
0.4049

204.8745, 0.3374,
0.3587

 6.7920, 0.3866,
0.4202

249.4881, 0.3358,
0.3568

 3.3324, 0.4037,
0.4426

300.1492, 0.3345,

 1.3076, 0.4732,

0.3552

0.5268

357.2424, 0.3333,
0.3537

■ 0.1471, 0.3689,
0.6311

■ 0.0000, 0.0000,
0.0000

■ 59.0675, 0.3499,
0.3740

■ 59.0675, 0.3499,
0.3740

■ 56.1560, 0.3677,
0.3941

■ 62.1827, 0.3330,
0.3540

■ 53.4331, 0.3860,
0.4136

■ 65.5001, 0.3172,
0.3346

■ 50.8939, 0.4041,
0.4315

■ 69.0286, 0.3027,
0.3163

■ 48.5301, 0.4213,
0.4469

■ 72.7741, 0.2895,
0.2991

46.3325, 0.4369,
0.4586

75.7038, 0.2863,
0.2983

44.2905, 0.4500,
0.4660

78.3375, 0.2866,
0.3035

42.3916, 0.4602,
0.4686

81.0441, 0.2868,
0.3086

41.1344, 0.4660,
0.4682

83.8244, 0.2870,
0.3136

86.6787, 0.2873,
0.3186

Harmonies

Analogous

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



59.0675, 0.3637, 0.3609



59.0675, 0.3499, 0.3740



59.0675, 0.3263, 0.3748

Triad

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



59.0675, 0.3499, 0.3740



59.0675, 0.2645, 0.3141



59.0675, 0.3243, 0.2992

Complementary

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



59.0675, 0.3499, 0.3740



43.3504, 0.2750, 0.2796

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.



59.0675, 0.2975, 0.2874



59.0675, 0.3499, 0.3740



59.0675, 0.2640, 0.2948

Square

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



59.0675, 0.3499, 0.3740



59.0675, 0.2774, 0.3389



59.0675, 0.2758, 0.2856



59.0675, 0.3487, 0.3182

Rectangle

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



59.0675, 0.3499, 0.3740



59.0675, 0.3085, 0.3676



59.0675, 0.2758, 0.2856



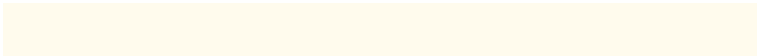
59.0675, 0.3152, 0.2943

Sweetspot

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



59.0702, 0.3499, 0.3740



96.3747, 0.3235, 0.3424



43.8061, 0.3489, 0.3152



20.5628, 0.3244, 0.3436



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.



59.0702, 0.3499, 0.3740



86.4264, 0.3592, 0.3846



62.5389, 0.3369, 0.3880



14.0253, 0.3272, 0.3470



25.2853, 0.4651, 0.4689



1.6439, 0.4557, 0.4764

Inverse Universe

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



43.3504, 0.2750, 0.2796



58.4929, 0.2654, 0.2664



40.7063, 0.2845, 0.2667



12.4561, 0.2982, 0.3104



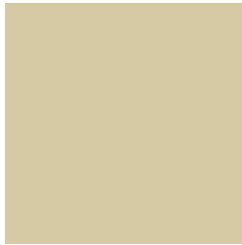
4.3419, 0.1569, 0.0847



0.3881, 0.1660, 0.1176

Previews

White Background



This preview shows how the Yxy color 59.0675, 0.3499, 0.3740 looks on a white background.

Color Contrast Check

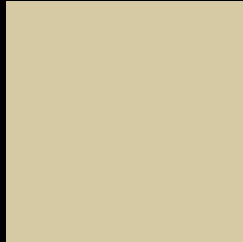
Large Text (above 18pt) WCAG AA × Fail

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 59.0675, 0.3499, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

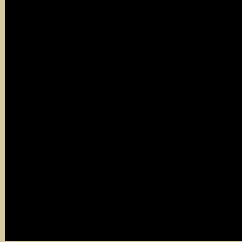
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

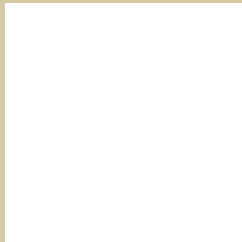
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0675, 0.3499, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 59.0675, 0.3499, 0.3740.



This preview shows how white text looks on a background with the Yxy color 59.0675, 0.3499, 0.3740.

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

59.0675, 0.3499, 0.3740

Protanopia

59.2175, 0.3507, 0.3739

Deuteranopia

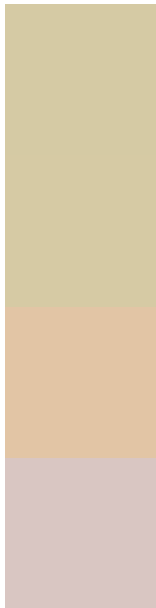
58.8292, 0.3683, 0.3605



Tritanopia

59.2431, 0.3198, 0.3121

Trichromacy



Original Color

59.0675, 0.3499, 0.3740

Protanomaly

59.2175, 0.3507, 0.3739

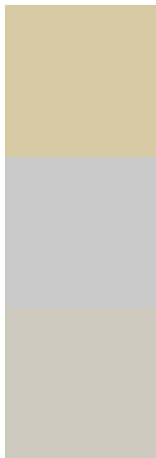
Deuteranomaly

58.8179, 0.3614, 0.3657

Tritanomaly

59.0349, 0.3309, 0.3337

Monochromacy



Original Color

59.0675, 0.3499, 0.3740

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3833, 0.3254, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0675, 0.3499, 0.3740 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(213, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 164)  
}
```

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(213, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 164) }
```

Border

The CSS property to change the border of an element to Yxy 59.0675, 0.3499, 0.3740 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(213, 202, 164) }
```

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

```
.border{ border-color:rgb(213, 202, 164) }
```

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

Here you see how a box with a 4 pixel rgb(213, 202, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0675, 0.3499, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 164) }
```

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

```
.background{ background-color: rgb(213,  
202, 164) }
```

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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