

Converting Colors

$Y_{xy}(49.1504, 0.3613, 0.3694)$

Have a look what the booklet for
Yxy(49.1504, 0.3613, 0.3694)
contains.

Yxy(49.3344, 0.3613, 0.3700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.3344, 0.3613, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	CFB796
RGB	207, 183, 150
RGB Percent	81%, 72%, 59%
CMY	0.1881, 0.2824, 0.4119
CMYK	0.00, 0.12, 0.28, 0.19
HSL	35°, 37%, 70%
HSV	35°, 28%, 81%
XYZ	48.1744, 49.3344, 35.8274
YIQ	186.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

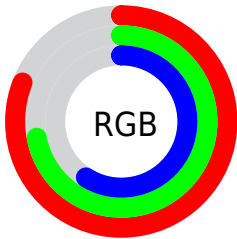
Format	Color
RYB	191, 207, 150
Decimal	13612950
CIELab	75.66, 3.57, 19.96
CIELCh	76, 20.275, 79.852
Yxy	49.3344, 0.3613, 0.3700
Android (android.graphics.Color)	4291803030 (0xFFCFB796)
YUV	186.4140, -17.9521, 18.0539
Hunter-Lab	70.2385, -0.4897, 18.9241

Details

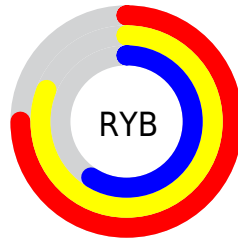
The Yxy color **49.3344, 0.3613, 0.3700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2622, 0.2684, 0.2842**, and the grayscale version is **49.4411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3526, 0.3459, 0.3640**, and **23.5415, 0.3748, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **45.2414, 0.3826, 0.3854**, and if you desaturate by 10%, it is **53.7726, 0.3419, 0.3546**.

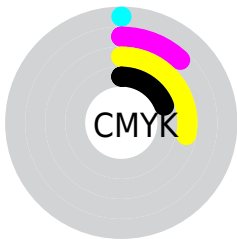
Distribution



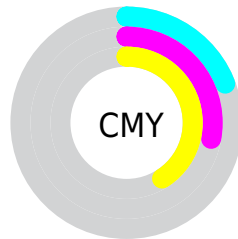
- Red (81%)
- Green (72%)
- Blue (59%)



- Red (75%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3344, 0.3613, 0.3700 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 49.3344, 0.3613, 0.3700 by changing the saturation by 10% instead.

 49.3344, 0.3613,
0.3700

 49.3344, 0.3613,
0.3700


384.0573, 0.3372,
0.3500

 34.8848, 0.3672,
0.3748


 89.1879, 0.3526,
0.3629

 23.5742, 0.3747,
0.3809


 115.3606, 0.3493,
0.3601

 15.0180, 0.3845,
0.3887


146.2098, 0.3466,
0.3578

 8.8320, 0.3979,
0.3991

182.1200, 0.3442,
0.3558

 4.6318, 0.4169,
0.4135

223.4754, 0.3421,
0.3541

 2.0329, 0.4526,
0.4407

270.6605, 0.3403,

 0.6265, 0.5215,

0.3526

0.4785

324.0596, 0.3387,
0.3512

0.0000, 0.0000,
0.0000

49.3344, 0.3613,
0.3700

49.3344, 0.3613,
0.3700

45.2414, 0.3826,
0.3854

53.7726, 0.3419,
0.3546

41.4765, 0.4055,
0.4002

58.5589, 0.3245,
0.3397

38.0313, 0.4295,
0.4133

63.7047, 0.3091,
0.3256

34.8940, 0.4537,
0.4237

69.2188, 0.2955,
0.3125

32.0516, 0.4767,
0.4300

75.1095, 0.2835,
0.3003

■ 29.4898, 0.4974,
0.4315

■ 80.0864, 0.2832,
0.3082

■ 27.1899, 0.5147,
0.4276

■ 85.2113, 0.2837,
0.3175

■ 26.6614, 0.5187,
0.4264

■ 90.5845, 0.2842,
0.3266

■ 92.0091, 0.2844,
0.3289

Harmonies

Analogous

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



49.3344, 0.3681, 0.3513



49.3344, 0.3613, 0.3700



49.3344, 0.3413, 0.3785

Triad

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



49.3344, 0.3613, 0.3700



49.3344, 0.2680, 0.3271



49.3344, 0.3093, 0.2900

Complementary

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



49.3344, 0.3613, 0.3700



41.2622, 0.2684, 0.2842

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.



49.3344, 0.2833, 0.2830



49.3344, 0.3613, 0.3700



49.3344, 0.2603, 0.3030

Square

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



49.3344, 0.3613, 0.3700



49.3344, 0.2875, 0.3533



49.3344, 0.2657, 0.2873



49.3344, 0.3374, 0.3062

Rectangle

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



49.3344, 0.3613, 0.3700



49.3344, 0.3235, 0.3763



49.3344, 0.2657, 0.2873



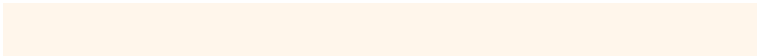
49.3344, 0.3000, 0.2865

Sweetspot

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



49.3367, 0.3613, 0.3700



93.3951, 0.3254, 0.3405



38.1579, 0.3467, 0.2983



19.7336, 0.3280, 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.



49.3367, 0.3613, 0.3700



75.1492, 0.3735, 0.3790



59.5672, 0.3509, 0.3980



12.9284, 0.3276, 0.3424



16.9842, 0.5169, 0.4277



1.1049, 0.4943, 0.4457

Inverse Universe

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



41.2622, 0.2684, 0.2842



60.1445, 0.2585, 0.2730



33.1603, 0.2682, 0.2508



12.2243, 0.2982, 0.3152



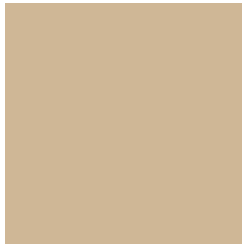
7.3301, 0.1705, 0.1338



0.5653, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 49.3344, 0.3613, 0.3700 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 49.3344, 0.3613, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

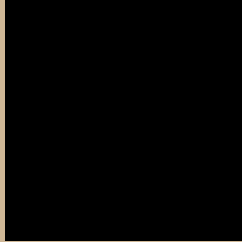
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3344, 0.3613, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 49.3344, 0.3613, 0.3700.



This preview shows how white text looks on a background with the Yxy color 49.3344, 0.3613, 0.3700.

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

49.3344, 0.3613, 0.3700

Protanopia

49.3579, 0.3514, 0.3735

Deuteranopia

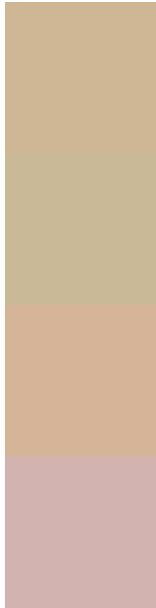
49.2263, 0.3709, 0.3628



Tritanopia

49.2029, 0.3319, 0.3124

Trichromacy



Original Color

49.3344, 0.3613, 0.3700

Protanomaly

49.3498, 0.3544, 0.3719

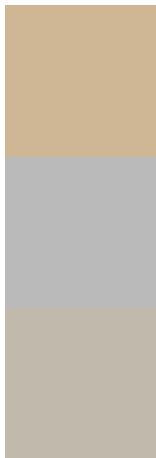
Deuteranomaly

49.0230, 0.3669, 0.3645

Tritanomaly

49.0764, 0.3426, 0.3327

Monochromacy



Original Color

49.3344, 0.3613, 0.3700

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1844, 0.3300, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3344, 0.3613, 0.3700 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(207, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 150)  
}
```

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(207, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 150) }
```

Border

The CSS property to change the border of an element to Yxy 49.3344, 0.3613, 0.3700 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(207, 183, 150) }
```

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

```
.border{ border-color:rgb(207, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3344, 0.3613, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 150) }
```

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

```
.background{ background-color: rgb(207,  
183, 150) }
```

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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