

Converting Colors

$Y_{xy}(51.3700, 0.3613, 0.3783)$

Have a look what the booklet for
Yxy(51.3700, 0.3613, 0.3783)
contains.

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Color

Yxy(51.3700, 0.3613, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	CFBC94
RGB	207, 188, 148
RGB Percent	81%, 74%, 58%
CMY	0.1883, 0.2627, 0.4195
CMYK	0.00, 0.09, 0.28, 0.19
HSL	41°, 38%, 70%
HSV	41°, 28%, 81%
XYZ	49.0615, 51.3700, 35.3602
YIQ	189.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

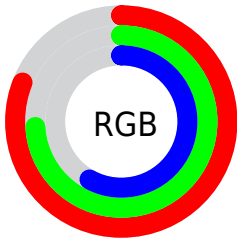
Format	Color
R _Y B	176, 207, 148
Decimal	13614228
CIE Lab	76.90, 0.64, 22.70
CIE LCh	77, 22.714, 88.376
Yxy	51.3700, 0.3613, 0.3783
Android (android.graphics.Color)	4291804308 (0xFFCFBC94)
YUV	189.1210, -20.2727, 15.6799
Hunter-Lab	71.6729, -3.2406, 20.9200

Details

The Yxy color **51.3700, 0.3613, 0.3783** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4501, 0.2660, 0.2742**, and the grayscale version is **51.0718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2256, 0.3462, 0.3708**, and **24.8664, 0.3744, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **47.9911, 0.3810, 0.3960**, and if you desaturate by 10%, it is **55.0024, 0.3428, 0.3605**.

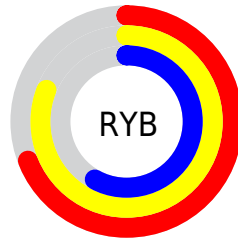
Distribution



Red (81%)

Green (74%)

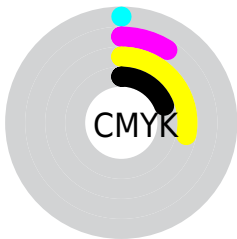
Blue (58%)



Red (69%)

Yellow (81%)

Blue (58%)

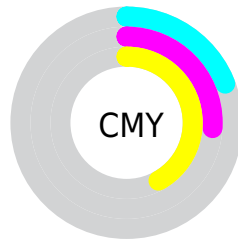


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3700, 0.3613, 0.3783 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 51.3700, 0.3613, 0.3783 by changing the saturation by 10% instead.


 51.3700, 0.3613,
0.3783


 51.3700, 0.3613,
0.3783

391.9996, 0.3375,
0.3542

 36.5032, 0.3670,
0.3841


 92.2015, 0.3528,
0.3697

 24.8230, 0.3743,
0.3913


 118.9349, 0.3496,
0.3664

 15.9453, 0.3836,
0.4007


150.3926, 0.3468,
0.3637

 9.4854, 0.3961,
0.4132

186.9590, 0.3444,
0.3613

 5.0591, 0.4135,
0.4305

229.0185, 0.3424,
0.3592

 2.2820, 0.4459,
0.4628

276.9555, 0.3406,

 0.7642, 0.4927,

0.3573

0.5073

331.1544, 0.3389,
0.3557

0.0000, 0.0000,
0.0000

51.3700, 0.3613,
0.3783

51.3700, 0.3613,
0.3783

47.9911, 0.3810,
0.3960

55.0024, 0.3428,
0.3605

44.8506, 0.4016,
0.4128

58.8888, 0.3259,
0.3431

41.9424, 0.4223,
0.4277

63.0387, 0.3105,
0.3266

39.2570, 0.4424,
0.4397

67.4587, 0.2967,
0.3110

36.7838, 0.4607,
0.4476

72.1552, 0.2843,
0.2965

■ 34.5110, 0.4764,
0.4506

■ 75.9745, 0.2827,
0.3003

■ 32.4209, 0.4890,
0.4489

■ 79.7138, 0.2831,
0.3075

■ 32.1164, 0.4909,
0.4484

■ 83.5962, 0.2835,
0.3146

■ 87.6231, 0.2839,
0.3217

Harmonies

Analogous

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



51.3700, 0.3736, 0.3600



51.3700, 0.3613, 0.3783



51.3700, 0.3361, 0.3838

Triad

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



51.3700, 0.3613, 0.3783



51.3700, 0.2597, 0.3185



51.3700, 0.3178, 0.2903

Complementary

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



51.3700, 0.3613, 0.3783



38.4501, 0.2660, 0.2742

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.



51.3700, 0.2876, 0.2794



51.3700, 0.3613, 0.3783



51.3700, 0.2553, 0.2940

Square

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



51.3700, 0.3613, 0.3783



51.3700, 0.2776, 0.3480



51.3700, 0.2652, 0.2804



51.3700, 0.3479, 0.3102

Rectangle

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



51.3700, 0.3613, 0.3783



51.3700, 0.3157, 0.3782



51.3700, 0.2652, 0.2804



51.3700, 0.3073, 0.2855

Sweetspot

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



51.3723, 0.3613, 0.3783



93.9833, 0.3269, 0.3442



37.2707, 0.3542, 0.3044



19.9152, 0.3293, 0.3467



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.



51.3723, 0.3613, 0.3783



79.0781, 0.3729, 0.3889



58.6552, 0.3473, 0.4016



13.1288, 0.3274, 0.3447



20.4138, 0.4896, 0.4494



1.2818, 0.4736, 0.4621

Inverse Universe

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



38.4501, 0.2660, 0.2742



55.1588, 0.2554, 0.2607



32.9504, 0.2714, 0.2489



12.0305, 0.2982, 0.3128



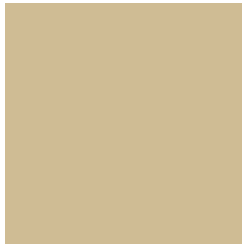
5.4958, 0.1629, 0.1062



0.4502, 0.1733, 0.1438

Previews

White Background



This preview shows how the Yxy color 51.3700, 0.3613, 0.3783 looks on a white background.

Color Contrast Check

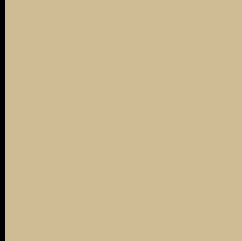
Large Text (above 18pt) WCAG AA × Fail

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 51.3700, 0.3613, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

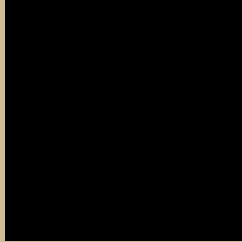
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3700, 0.3613, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 51.3700, 0.3613, 0.3783.



This preview shows how white text looks on a background with the Yxy color 51.3700, 0.3613, 0.3783.

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

51.3700, 0.3613, 0.3783

Protanopia

51.5534, 0.3554, 0.3802

Deuteranopia

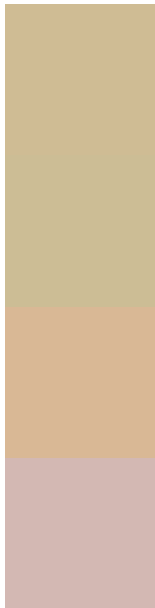
51.1554, 0.3761, 0.3681



Tritanopia

51.5876, 0.3280, 0.3126

Trichromacy



Original Color

51.3700, 0.3613, 0.3783

Protanomaly

51.4025, 0.3575, 0.3787

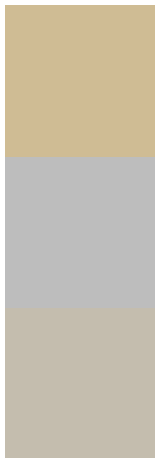
Deuteranomaly

51.2026, 0.3709, 0.3710

Tritanomaly

51.3845, 0.3400, 0.3351

Monochromacy



Original Color

51.3700, 0.3613, 0.3783

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1869, 0.3303, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3700, 0.3613, 0.3783 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, 188, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 148)  
}
```

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, 188, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 148) }
```

Border

The CSS property to change the border of an element to Yxy 51.3700, 0.3613, 0.3783 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, 188, 148) }
```

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

```
.border{ border-color:rgb(207, 188, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 188, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 188, 148); box-shadow:4px 4px 4px 4px rgb(207, 188, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3700, 0.3613, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 148) }
```

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

```
.background{ background-color: rgb(207,  
188, 148) }
```

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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