

Converting Colors

Yxy(50.1362, 0.3556, 0.3692)

Have a look what the booklet for
Yxy(50.1362, 0.3556, 0.3692)
contains.

Yxy(50.3969, 0.3560, 0.3700)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.3969, 0.3560, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	CDBA99
RGB	205, 186, 153
RGB Percent	80%, 73%, 60%
CMY	0.1960, 0.2706, 0.3999
CMYK	0.00, 0.09, 0.25, 0.20
HSL	38°, 34%, 70%
HSV	38°, 25%, 80%
XYZ	48.4900, 50.3969, 37.3209
YIQ	187.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

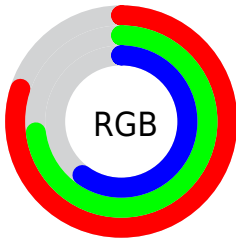
Format	Color
RYB	183, 205, 153
Decimal	13482649
CIELab	76.31, 1.62, 19.19
CIELCh	76, 19.260, 85.160
Yxy	50.3969, 0.3560, 0.3700
Android (android.graphics.Color)	4291672729 (0xFFCDBA99)
YUV	187.9190, -17.2151, 14.9800
Hunter-Lab	70.9908, -2.3101, 18.5239

Details

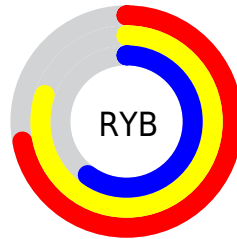
The Yxy color **50.3969, 0.3560, 0.3700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7053, 0.2718, 0.2843**, and the grayscale version is **50.3343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2693, 0.3434, 0.3639**, and **24.2184, 0.3674, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **46.7015, 0.3760, 0.3868**, and if you desaturate by 10%, it is **54.3791, 0.3376, 0.3533**.

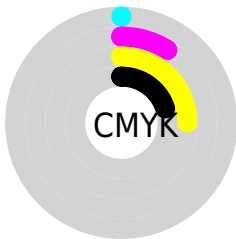
Distribution



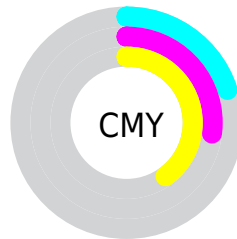
- Red (80%)
- Green (73%)
- Blue (60%)



- Red (72%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3969, 0.3560, 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 50.3969, 0.3560, 0.3700 by changing the saturation by 10% instead.


 50.3969, 0.3560,
0.3700

 50.3969, 0.3560,
0.3700


388.2160, 0.3347,
0.3499

 35.7289, 0.3612,
0.3748


 90.7627, 0.3483,
0.3628

 24.2249, 0.3678,
0.3810


 117.2292, 0.3454,
0.3601

 15.5005, 0.3764,
0.3889


148.3973, 0.3430,
0.3578

 9.1714, 0.3881,
0.3996

184.6515, 0.3408,
0.3558

 4.8532, 0.4047,
0.4146

226.3760, 0.3390,
0.3540

 2.1614, 0.4329,
0.4399

273.9554, 0.3374,

 0.6988, 0.5018,

0.3525

0.4982

327.7739, 0.3359,
0.3511

0.0000, 0.0000,
0.0000

50.3969, 0.3560,
0.3700

50.3969, 0.3560,
0.3700

46.7015, 0.3760,
0.3868

54.3791, 0.3376,
0.3533

43.2777, 0.3973,
0.4030

58.6492, 0.3209,
0.3373

40.1185, 0.4194,
0.4178

63.2170, 0.3060,
0.3221

37.2143, 0.4414,
0.4299

68.0900, 0.2927,
0.3078

34.5542, 0.4623,
0.4384

73.2402, 0.2812,
0.2953

■ 32.1263, 0.4809,
0.4422

■ 77.3483, 0.2817,
0.3034

■ 29.9160, 0.4963,
0.4407

■ 81.6363, 0.2822,
0.3115

■ 28.9528, 0.5028,
0.4389

■ 86.1063, 0.2827,
0.3195

■ 90.7604, 0.2832,
0.3273

Harmonies

Analogous

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



50.3969, 0.3649, 0.3537



50.3969, 0.3560, 0.3700



50.3969, 0.3355, 0.3757

Triad

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



50.3969, 0.3560, 0.3700



50.3969, 0.2683, 0.3229



50.3969, 0.3143, 0.2942

Complementary

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



50.3969, 0.3560, 0.3700



40.7053, 0.2718, 0.2843

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.



50.3969, 0.2889, 0.2859



50.3969, 0.3560, 0.3700



50.3969, 0.2632, 0.3012

Square

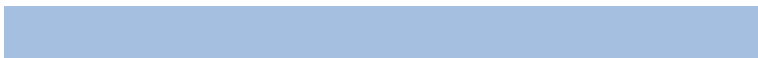
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.3969, 0.3560, 0.3700



50.3969, 0.2850, 0.3478



50.3969, 0.2705, 0.2881



50.3969, 0.3403, 0.3108

Rectangle

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



50.3969, 0.3560, 0.3700



50.3969, 0.3183, 0.3719



50.3969, 0.2705, 0.2881



50.3969, 0.3054, 0.2904

Sweetspot

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



50.3992, 0.3560, 0.3700



94.0862, 0.3253, 0.3416



38.7551, 0.3466, 0.3051



19.9079, 0.3278, 0.3440



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.



50.3992, 0.3560, 0.3700



79.4426, 0.3659, 0.3785



57.9867, 0.3450, 0.3930



12.3798, 0.3274, 0.3437



18.2082, 0.5013, 0.4402



1.0808, 0.4813, 0.4561

Inverse Universe

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



40.7053, 0.2718, 0.2843



61.1192, 0.2631, 0.2739



34.6700, 0.2752, 0.2586



11.5047, 0.2983, 0.3139



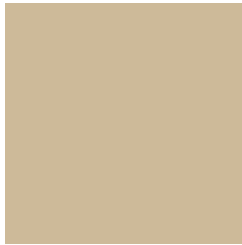
6.0418, 0.1661, 0.1179



0.4554, 0.1772, 0.1580

Previews

White Background



This preview shows how the Yxy color 50.3969, 0.3560, 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 50.3969, 0.3560, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

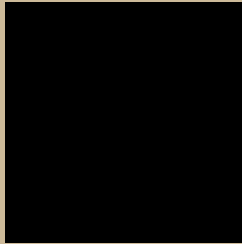
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3969, 0.3560, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 50.3969, 0.3560, 0.3700.



This preview shows how white text looks on a background with the Yxy color 50.3969, 0.3560, 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

50.3969, 0.3560, 0.3700

Protanopia

50.4416, 0.3493, 0.3719

Deuteranopia

50.2863, 0.3685, 0.3614



Tritanopia

50.2392, 0.3273, 0.3124

Trichromacy



Original Color

50.3969, 0.3560, 0.3700

Protanomaly

50.2912, 0.3513, 0.3705

Deuteranomaly

50.3462, 0.3633, 0.3643

Tritanomaly

50.1205, 0.3377, 0.3327

Monochromacy



Original Color

50.3969, 0.3560, 0.3700

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1051, 0.3281, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3969, 0.3560, 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(205, 186, 153)` looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 153)  
}
```

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(205, 186, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.3969, 0.3560, 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(205, 186, 153) }
```

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

```
.border{ border-color:rgb(205, 186, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 186, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 186, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 186, 153);  
box-shadow:4px 4px 4px 4px rgb(205, 186,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3969, 0.3560, 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(205, 186, 153) }
```

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

```
.background{ background-color: rgb(205,  
186, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor