

Converting Colors

$Y_{xy}(49.5083, 0.3708, 0.3589)$

Have a look what the booklet for
Yxy(49.5083, 0.3708, 0.3589)
contains.

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Color

Yxy(49.6334, 0.3701, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	DBB39A
RGB	219, 179, 154
RGB Percent	86%, 70%, 60%
CMY	0.1411, 0.2980, 0.3961
CMYK	0.00, 0.18, 0.30, 0.14
HSL	23°, 47%, 73%
HSV	23°, 30%, 86%
XYZ	51.1680, 49.6334, 37.4532
YIQ	188.1100, 31.8650, 0.7050

Conversions

Conversions Part 2

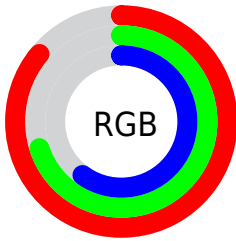
Format	Color
R_{YB}	219, 195, 154
Decimal	14398362
CIE Lab	75.84, 10.87, 18.22
CIE LCh	76, 21.214, 59.182
Yxy	49.6334, 0.3701, 0.3590
Android (android.graphics.Color)	4292588442 (0xFFDDBB39A)
YUV	188.1100, -16.8162, 27.0905
Hunter-Lab	70.4510, 6.3540, 17.7959

Details

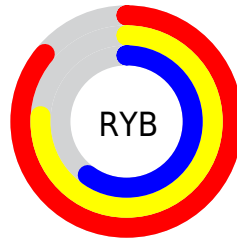
The Yxy color **49.6334, 0.3701, 0.3590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5700, 0.2665, 0.2968**, and the grayscale version is **50.4405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2307, 0.3440, 0.3561**, and **23.6875, 0.3861, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **43.8302, 0.3957, 0.3695**, and if you desaturate by 10%, it is **56.1024, 0.3478, 0.3485**.

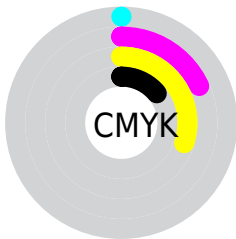
Distribution



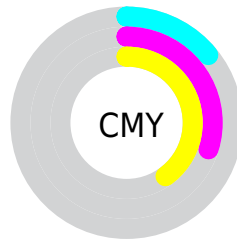
- Red (86%)
- Green (70%)
- Blue (60%)



- Red (86%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (14%)




- Cyan (14%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6334, 0.3701, 0.3590 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 49.6334, 0.3701, 0.3590 by changing the saturation by 10% instead.


 49.6334, 0.3701,
0.3590

 49.6334, 0.3701,
0.3590


385.2306, 0.3415,
0.3448

 35.1222, 0.3772,
0.3623


 89.6315, 0.3598,
0.3540

 23.7570, 0.3862,
0.3663


 115.8871, 0.3559,
0.3521

 15.1535, 0.3980,
0.3714


146.8264, 0.3526,
0.3504

 8.9272, 0.4143,
0.3780

182.8336, 0.3497,
0.3490

 4.6937, 0.4378,
0.3865

224.2933, 0.3473,
0.3478

 2.0687, 0.4774,
0.3997

271.5897, 0.3451,

 0.6469, 0.5765,

0.3466

0.4235

325.1074, 0.3432,
0.3457

0.0000, 0.0000,
0.0000

49.6334, 0.3701,
0.3590

49.6334, 0.3701,
0.3590

43.8302, 0.3957,
0.3695

56.1024, 0.3478,
0.3485

38.6636, 0.4246,
0.3793

63.2514, 0.3286,
0.3383

34.1121, 0.4562,
0.3875

71.1028, 0.3122,
0.3287

30.1504, 0.4893,
0.3928

79.6761, 0.2982,
0.3198

26.7509, 0.5217,
0.3939

88.4298, 0.2909,
0.3202

■ 23.8832, 0.5510,
0.3899

■ 93.8015, 0.2912,
0.3289

■ 21.5069, 0.5751,
0.3813

■ 21.4390, 0.5758,
0.3810

Harmonies

Analogous

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



49.6334, 0.3659, 0.3356



49.6334, 0.3701, 0.3590



49.6334, 0.3582, 0.3760

Triad

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



49.6334, 0.3701, 0.3590



49.6334, 0.2790, 0.3462



49.6334, 0.2897, 0.2821

Complementary

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



49.6334, 0.3701, 0.3590



50.5700, 0.2665, 0.2968

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.



49.6334, 0.2682, 0.2828



49.6334, 0.3701, 0.3590



49.6334, 0.2622, 0.3185

Square

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



49.6334, 0.3701, 0.3590



49.6334, 0.3051, 0.3697



49.6334, 0.2584, 0.2955



49.6334, 0.3184, 0.2927

Rectangle

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



49.6334, 0.3701, 0.3590



49.6334, 0.3431, 0.3807



49.6334, 0.2584, 0.2955



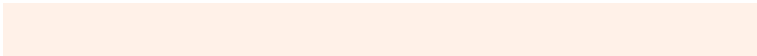
49.6334, 0.2815, 0.2810

Sweetspot

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



49.6357, 0.3701, 0.3590



89.9269, 0.3276, 0.3377



42.0707, 0.3387, 0.2821



18.9161, 0.3302, 0.3391



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.



49.6357, 0.3701, 0.3590



64.5327, 0.3867, 0.3660



64.1943, 0.3596, 0.3950



13.8685, 0.3282, 0.3380



12.9080, 0.5732, 0.3831



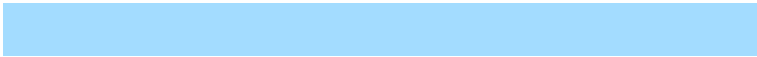
1.0000, 0.5428, 0.4072

Inverse Universe

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



50.5700, 0.2665, 0.2968



66.0521, 0.2563, 0.2884



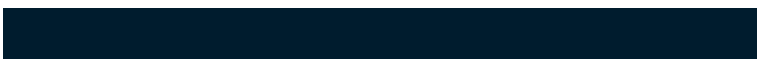
37.6782, 0.2617, 0.2531



13.9446, 0.2982, 0.3198



13.4868, 0.1885, 0.1984



1.0387, 0.1950, 0.2220

Previews

White Background



This preview shows how the Yxy color 49.6334, 0.3701, 0.3590 looks on a white background.

Color Contrast Check

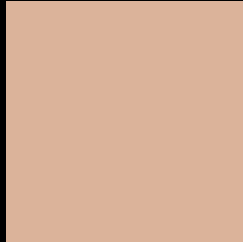
Large Text (above 18pt) WCAG AA × Fail

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 49.6334, 0.3701, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

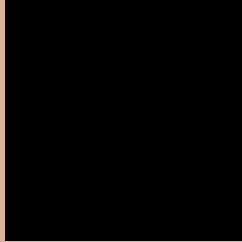
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6334, 0.3701, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 49.6334, 0.3701, 0.3590.



This preview shows how white text looks on a background with the Yxy color 49.6334, 0.3701, 0.3590.

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

49.6334, 0.3701, 0.3590

Protanopia

49.8796, 0.3445, 0.3658

Deuteranopia

49.7273, 0.3679, 0.3604



Tritanopia

49.5909, 0.3448, 0.3129

Trichromacy



Original Color

49.6334, 0.3701, 0.3590

Protanomaly

49.6944, 0.3532, 0.3626

Deuteranomaly

49.8810, 0.3688, 0.3603

Tritanomaly

49.7149, 0.3541, 0.3291

Monochromacy



Original Color

49.6334, 0.3701, 0.3590

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9746, 0.3319, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6334, 0.3701, 0.3590 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(219, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 179, 154)  
}
```

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(219, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 179, 154) }
```

Border

The CSS property to change the border of an element to Yxy 49.6334, 0.3701, 0.3590 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(219, 179, 154) }
```

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

```
.border{ border-color:rgb(219, 179, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 179, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(219, 179,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6334, 0.3701, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 179, 154) }
```

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

```
.background{ background-color: rgb(219,  
179, 154) }
```

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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