

Converting Colors

$Y_{xy}(42.9885, 0.3852, 0.3571)$

Have a look what the booklet for
Yxy(42.9885, 0.3852, 0.3571)
contains.

Yxy(43.0729, 0.3849, 0.3573)	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(43.0729, 0.3849, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	D8A48D
RGB	216, 164, 141
RGB Percent	85%, 64%, 55%
CMY	0.1530, 0.3568, 0.4469
CMYK	0.00, 0.24, 0.35, 0.15
HSL	18°, 49%, 70%
HSV	18°, 35%, 85%
XYZ	46.4001, 43.0729, 31.0781
YIQ	176.9260, 38.3750, 3.8710

Conversions

Conversions Part 2

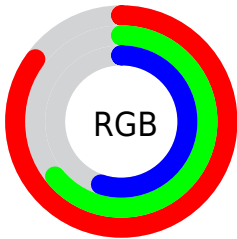
Format	Color
R_{YB}	216, 174, 141
Decimal	14197901
CIE _{Lab}	71.60, 16.09, 19.36
CIE _{LCh}	72, 25.175, 50.264
Yxy	43.0729, 0.3849, 0.3573
Android (android.graphics.Color)	4292387981 (0xFFD8A48D)
YUV	176.9260, -17.7115, 34.2679
Hunter-Lab	65.6299, 11.3464, 17.8651

Details

The Yxy color $43.0729, 0.3849, 0.3573$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $48.7630, 0.2599, 0.2985$, and the grayscale version is $44.0067, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8632, 0.3562, 0.3536$, and $19.8173, 0.4066, 0.3633$ is the 20% darker color. If you saturate the color by 10%, you get $37.4444, 0.4141, 0.3655$, and if you desaturate by 10%, it is $49.4621, 0.3597, 0.3488$.

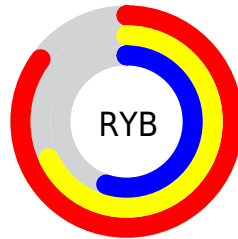
Distribution



Red (85%)

Green (64%)

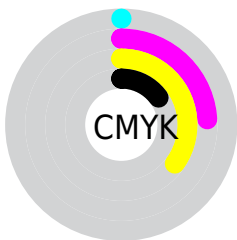
Blue (55%)



Red (85%)

Yellow (68%)

Blue (55%)

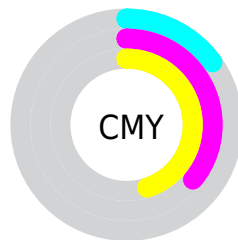


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0729, 0.3849, 0.3573 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 43.0729, 0.3849, 0.3573 by changing the saturation by 10% instead.


 43.0729, 0.3849,
0.3573


 43.0729, 0.3849,
0.3573


358.9115, 0.3480,
0.3440


 29.9423, 0.3943,
0.3603


 79.8209, 0.3714,
0.3527

 19.7948, 0.4064,
0.3639


 104.2070, 0.3663,
0.3509

 12.2460, 0.4226,
0.3682


 133.1138, 0.3621,
0.3494

 6.9114, 0.4452,
0.3734

166.9257, 0.3584,
0.3480

 3.4068, 0.4786,
0.3790

206.0270, 0.3553,
0.3468

 1.3476, 0.5736,
0.4125

250.8021, 0.3526,

 0.1776, 0.7597,

0.3458

0.2403

301.6355, 0.3502,
0.3449

0.0000, 0.0000,
0.0000

43.0729, 0.3849,
0.3573

43.0729, 0.3849,
0.3573

37.4444, 0.4141,
0.3655

49.4621, 0.3597,
0.3488

32.5413, 0.4471,
0.3727

56.6335, 0.3383,
0.3405

28.3346, 0.4831,
0.3778

64.6149, 0.3202,
0.3325

24.7907, 0.5199,
0.3796

73.4313, 0.3050,
0.3252

21.8728, 0.5546,
0.3770

83.1064, 0.2921,
0.3184

■ 19.5397, 0.5834,
0.3697

■ 92.6158, 0.2894,
0.3278

■ 18.5189, 0.5963,
0.3647

■ 93.3365, 0.2894,
0.3289

Harmonies

Analogous

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



43.0729, 0.3737, 0.3277



43.0729, 0.3849, 0.3573



43.0729, 0.3754, 0.3819

Triad

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



43.0729, 0.3849, 0.3573



43.0729, 0.2794, 0.3604



43.0729, 0.2750, 0.2702

Complementary

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



43.0729, 0.3849, 0.3573



48.7630, 0.2599, 0.2985

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.



43.0729, 0.2526, 0.2749



43.0729, 0.3849, 0.3573



43.0729, 0.2549, 0.3256

Square

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



43.0729, 0.3849, 0.3573



43.0729, 0.3136, 0.3864



43.0729, 0.2455, 0.2943



43.0729, 0.3085, 0.2794

Rectangle

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



43.0729, 0.3849, 0.3573



43.0729, 0.3592, 0.3917



43.0729, 0.2455, 0.2943



43.0729, 0.2660, 0.2701

Sweetspot

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



43.0749, 0.3849, 0.3573



87.6981, 0.3296, 0.3367



37.5270, 0.3382, 0.2670



18.4220, 0.3322, 0.3379



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.



43.0749, 0.3849, 0.3573



56.3361, 0.4070, 0.3637



58.2903, 0.3701, 0.3995



13.0356, 0.3283, 0.3362



11.1315, 0.5935, 0.3669



0.8165, 0.5593, 0.3941

Inverse Universe

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



48.7630, 0.2599, 0.2985



65.8354, 0.2490, 0.2906



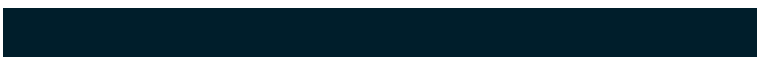
34.4056, 0.2530, 0.2468



13.4353, 0.2982, 0.3217



16.0015, 0.1962, 0.2264



1.1085, 0.2017, 0.2462

Previews

White Background



This preview shows how the Yxy color 43.0729, 0.3849, 0.3573 looks on a white background.

Color Contrast Check

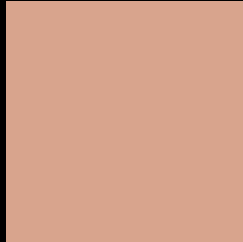
Large Text (above 18pt) WCAG AA × Fail

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 43.0729, 0.3849, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

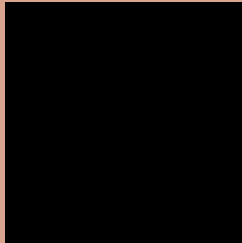
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0729, 0.3849, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 43.0729, 0.3849, 0.3573.



This preview shows how white text looks on a background with the Yxy color 43.0729, 0.3849, 0.3573.

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

43.0729, 0.3849, 0.3573

Protanopia

43.0496, 0.3465, 0.3681

Deuteranopia

43.2485, 0.3731, 0.3660



Tritanopia

43.1802, 0.3589, 0.3148

Trichromacy



Original Color

43.0729, 0.3849, 0.3573

Protanomaly

42.8752, 0.3600, 0.3644

Deuteranomaly

43.0862, 0.3778, 0.3630

Tritanomaly

42.9684, 0.3684, 0.3292

Monochromacy



Original Color

43.0729, 0.3849, 0.3573

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2617, 0.3370, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0729, 0.3849, 0.3573 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(216, 164, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 164, 141)  
}
```

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(216, 164, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 164, 141) }
```

Border

The CSS property to change the border of an element to Yxy 43.0729, 0.3849, 0.3573 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(216, 164, 141) }
```

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

```
.border{ border-color:rgb(216, 164, 141) }
```

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

Here you see how a box with a 4 pixel rgb(216, 164, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 164, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 164, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 164,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0729, 0.3849, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 164, 141) }
```

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

```
.background{ background-color: rgb(216,  
164, 141) }
```

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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