

Converting Colors

Yxy(51.1983, 0.3640, 0.3869)

Have a look what the booklet for
Yxy(51.1983, 0.3640, 0.3869)
contains.

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Color

Yxy(51.3273, 0.3641, 0.3873)

Conversions

Conversions Part 1

Format	Color
Hex	CDBD8E
RGB	205, 189, 142
RGB Percent	80%, 74%, 56%
CMY	0.1961, 0.2588, 0.4432
CMYK	0.00, 0.08, 0.31, 0.20
HSL	45°, 39%, 68%
HSV	45°, 31%, 80%
XYZ	48.2527, 51.3273, 32.9460
YIQ	188.4260, 24.6230, -11.2250

Conversions

Conversions Part 2

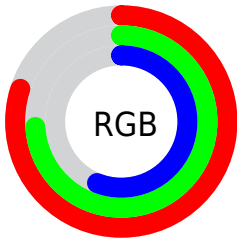
Format	Color
RYB	163, 205, 142
Decimal	13483406
CIELab	76.88, -1.46, 25.86
CIELCh	77, 25.904, 93.234
Yxy	51.3273, 0.3641, 0.3873
Android (android.graphics.Color)	4291673486 (0xFFCDBD8E)
YUV	188.4260, -22.8880, 14.5354
Hunter-Lab	71.6431, -5.1529, 22.8849

Details

The Yxy color **51.3273, 0.3641, 0.3873** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.5938, 0.2613, 0.2629**, and the grayscale version is **50.6660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5503, 0.3499, 0.3778**, and **24.8477, 0.3779, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **48.5733, 0.3828, 0.4063**, and if you desaturate by 10%, it is **54.2793, 0.3462, 0.3679**.

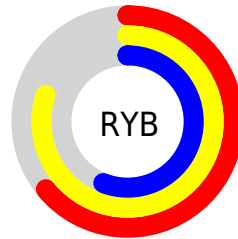
Distribution



Red (80%)

Green (74%)

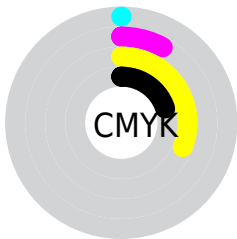
Blue (56%)



Red (64%)

Yellow (80%)

Blue (56%)

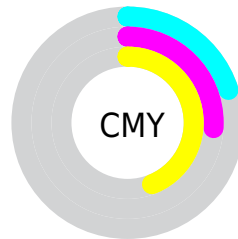


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3273, 0.3641, 0.3873 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 51.3273, 0.3641, 0.3873 by changing the saturation by 10% instead.


 51.3273, 0.3641,
0.3873

 51.3273, 0.3641,
0.3873


391.8341, 0.3391,
0.3587

 36.4692, 0.3701,
0.3942


 92.1384, 0.3552,
0.3771

 24.7967, 0.3775,
0.4028


 118.8601, 0.3518,
0.3732

 15.9257, 0.3871,
0.4139


150.3052, 0.3489,
0.3699

 9.4716, 0.3997,
0.4287

186.8580, 0.3464,
0.3671

 5.0500, 0.4167,
0.4490

228.9028, 0.3442,
0.3646

 2.2767, 0.4560,
0.4949

276.8242, 0.3423,

 0.7613, 0.4747,

0.3624

0.5253

331.0065, 0.3406,
0.3605

0.0000, 0.0000,
0.0000

51.3273, 0.3641,
0.3873

51.3273, 0.3641,
0.3873

48.5733, 0.3828,
0.4063

54.2793, 0.3462,
0.3679

46.0033, 0.4017,
0.4242

57.4290, 0.3293,
0.3487

43.6119, 0.4201,
0.4397

60.7846, 0.3138,
0.3303

41.3907, 0.4372,
0.4520

64.3522, 0.2996,
0.3129

39.3303, 0.4521,
0.4600

68.1372, 0.2868,
0.2967

■ 37.4192, 0.4641,
0.4633

■ 71.4859, 0.2809,
0.2916

■ 35.7643, 0.4730,
0.4626

■ 74.2599, 0.2813,
0.2973

■ 77.1194, 0.2816,
0.3030

■ 80.0653, 0.2820,
0.3086

Harmonies

Analogous

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



51.3273, 0.3812, 0.3679



51.3273, 0.3641, 0.3873



51.3273, 0.3336, 0.3911

Triad

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



51.3273, 0.3641, 0.3873



51.3273, 0.2506, 0.3116



51.3273, 0.3242, 0.2882

Complementary

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



51.3273, 0.3641, 0.3873



34.5938, 0.2613, 0.2629

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.



51.3273, 0.2892, 0.2741



51.3273, 0.3641, 0.3873



51.3273, 0.2484, 0.2856

Square

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



51.3273, 0.3641, 0.3873



51.3273, 0.2685, 0.3452



51.3273, 0.2620, 0.2727



51.3273, 0.3577, 0.3119

Rectangle

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



51.3273, 0.3641, 0.3873



51.3273, 0.3101, 0.3828



51.3273, 0.2620, 0.2727



51.3273, 0.3122, 0.2823

Sweetspot

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



51.3296, 0.3641, 0.3873



94.9525, 0.3267, 0.3457



34.8124, 0.3631, 0.3077



20.1548, 0.3291, 0.3485



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.



51.3296, 0.3641, 0.3873



81.0166, 0.3766, 0.4002



56.5924, 0.3465, 0.4084



12.5963, 0.3272, 0.3462



22.4266, 0.4721, 0.4634



1.2738, 0.4596, 0.4733

Inverse Universe

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



34.5938, 0.2613, 0.2629



49.2797, 0.2488, 0.2455



30.8827, 0.2712, 0.2426



11.2986, 0.2983, 0.3112



4.4017, 0.1586, 0.0908



0.3521, 0.1694, 0.1299

Previews

White Background



This preview shows how the Yxy color 51.3273, 0.3641, 0.3873 looks on a white background.

Color Contrast Check

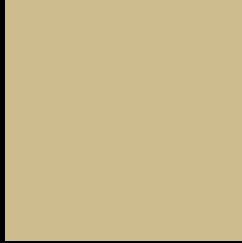
Large Text (above 18pt) WCAG AA × Fail

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 51.3273, 0.3641, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

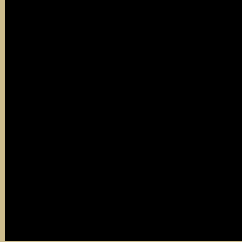
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3273, 0.3641, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 51.3273, 0.3641, 0.3873.



This preview shows how white text looks on a background with the Yxy color 51.3273, 0.3641, 0.3873.

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

51.3273, 0.3641, 0.3873

Protanopia

51.4764, 0.3620, 0.3888

Deuteranopia

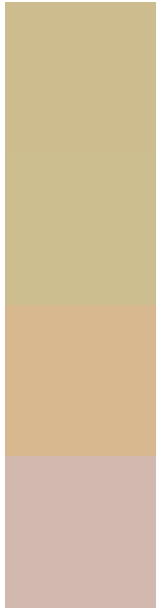
51.1270, 0.3822, 0.3750



Tritanopia

51.2903, 0.3263, 0.3125

Trichromacy



Original Color

51.3273, 0.3641, 0.3873

Protanomaly

51.6173, 0.3629, 0.3886

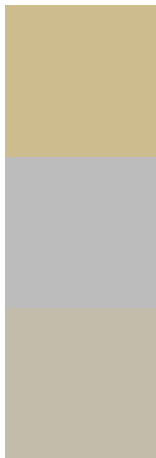
Deuteranomaly

51.2800, 0.3747, 0.3795

Tritanomaly

51.3878, 0.3406, 0.3400

Monochromacy



Original Color

51.3273, 0.3641, 0.3873

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3760, 0.3311, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3273, 0.3641, 0.3873 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, 189, 142)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 142)  
}
```

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, 189, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 142) }
```

Border

The CSS property to change the border of an element to Yxy 51.3273, 0.3641, 0.3873 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, 189, 142) }
```

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

```
.border{ border-color:rgb(205, 189, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 142);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3273, 0.3641, 0.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 142) }
```

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

```
.background{ background-color: rgb(205,  
189, 142) }
```

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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