

Converting Colors

Yxy(39.2489, 0.3687, 0.3623)

Have a look what the booklet for
Yxy(39.2489, 0.3687, 0.3623)
contains.

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Color

Yxy(39.2489, 0.3687, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	C3A289
RGB	195, 162, 137
RGB Percent	76%, 64%, 54%
CMY	0.2353, 0.3647, 0.4627
CMYK	0.00, 0.17, 0.30, 0.24
HSL	26°, 33%, 65%
HSV	26°, 30%, 76%
XYZ	39.9422, 39.2489, 29.1415
YIQ	169.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

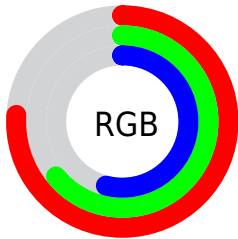
Format	Color
RYB	195, 181, 137
Decimal	12821129
CIELab	68.93, 8.43, 17.54
CIElCh	69, 19.465, 64.333
Yxy	39.2489, 0.3687, 0.3623
Android (android.graphics.Color)	4291011209 (0xFFC3A289)
YUV	169.0170, -15.7844, 22.7871
Hunter-Lab	62.6489, 4.1682, 16.2752

Details

The Yxy color **39.2489, 0.3687, 0.3623** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0127, 0.2663, 0.2931**, and the grayscale version is **39.7556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0389, 0.3580, 0.3570**, and **17.4154, 0.3858, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **35.0021, 0.3931, 0.3739**, and if you desaturate by 10%, it is **43.9454, 0.3472, 0.3506**.

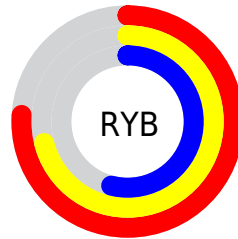
Distribution



Red (76%)

Green (64%)

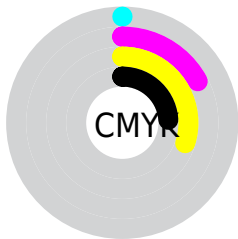
Blue (54%)



Red (76%)

Yellow (71%)

Blue (54%)

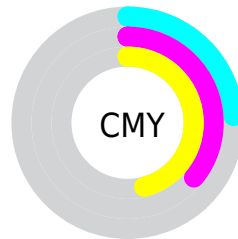


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2489, 0.3687, 0.3623 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 39.2489, 0.3687, 0.3623 by changing the saturation by 10% instead.


 39.2489, 0.3687,
0.3623


 39.2489, 0.3687,
0.3623


342.9475, 0.3398,
0.3457


 26.9534, 0.3762,
0.3664


 74.0184, 0.3580,
0.3563

 17.5382, 0.3860,
0.3715


 97.2612, 0.3540,
0.3541

 10.6190, 0.3992,
0.3781


 124.9219, 0.3507,
0.3522

 5.8112, 0.4180,
0.3870

157.3849, 0.3478,
0.3505

 2.7306, 0.4465,
0.3989

195.0345, 0.3454,
0.3491

 0.9928, 0.5438,
0.4562

238.2553, 0.3433,

 0.0000, 1.0000,

0.3478

0.0000

287.4315, 0.3414,
0.3467

0.0000, 0.0000,
0.0000

39.2489, 0.3687,
0.3623

39.2489, 0.3687,
0.3623

35.0021, 0.3931,
0.3739

43.9454, 0.3472,
0.3506

31.1854, 0.4204,
0.3849

49.0999, 0.3285,
0.3394

27.7852, 0.4499,
0.3942

54.7270, 0.3123,
0.3287

24.7854, 0.4805,
0.4006

60.8391, 0.2984,
0.3188

22.1683, 0.5105,
0.4029

67.4483, 0.2864,
0.3097

■ 19.9143, 0.5377,
0.4001

■ 74.5658, 0.2760,
0.3014

■ 17.9954, 0.5608,
0.3926

■ 80.9525, 0.2765,
0.3125

■ 17.9491, 0.5614,
0.3924

■ 87.6751, 0.2775,
0.3244

■ 90.3423, 0.2778,
0.3289

Harmonies

Analogous

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



39.2489, 0.3674, 0.3398



39.2489, 0.3687, 0.3623



39.2489, 0.3544, 0.3774

Triad

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



39.2489, 0.3687, 0.3623



39.2489, 0.2756, 0.3414



39.2489, 0.2945, 0.2835

Complementary

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



39.2489, 0.3687, 0.3623



38.0127, 0.2663, 0.2931

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.



39.2489, 0.2715, 0.2822



39.2489, 0.3687, 0.3623



39.2489, 0.2610, 0.3141

Square

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



39.2489, 0.3687, 0.3623



39.2489, 0.3003, 0.3661



39.2489, 0.2595, 0.2928



39.2489, 0.3234, 0.2957

Rectangle

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



39.2489, 0.3687, 0.3623



39.2489, 0.3383, 0.3804



39.2489, 0.2595, 0.2928



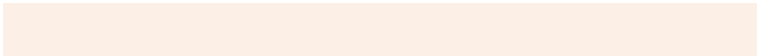
39.2489, 0.2858, 0.2818

Sweetspot

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



39.2507, 0.3687, 0.3623



88.5162, 0.3275, 0.3387



32.4311, 0.3406, 0.2848



19.0711, 0.3300, 0.3403



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.



39.2507, 0.3687, 0.3623



65.0228, 0.3850, 0.3703



50.3090, 0.3587, 0.3969



10.7758, 0.3278, 0.3390



11.8260, 0.5591, 0.3943



0.6477, 0.5204, 0.4250

Inverse Universe

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



38.0127, 0.2663, 0.2931



62.4239, 0.2557, 0.2834



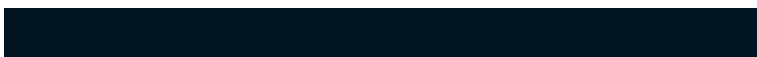
28.5593, 0.2617, 0.2506



10.6779, 0.2984, 0.3188



10.1142, 0.1842, 0.1830



0.5718, 0.1941, 0.2189

Previews

White Background



This preview shows how the Yxy color 39.2489, 0.3687, 0.3623 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 39.2489, 0.3687, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

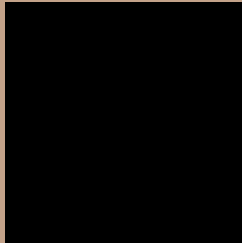
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2489, 0.3687, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 39.2489, 0.3687, 0.3623.



This preview shows how white text looks on a background with the Yxy color 39.2489, 0.3687, 0.3623.

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

39.2489, 0.3687, 0.3623

Protanopia

39.3637, 0.3470, 0.3682

Deuteranopia

39.2489, 0.3687, 0.3623



Tritanopia

39.1583, 0.3420, 0.3124

Trichromacy



Original Color

39.2489, 0.3687, 0.3623

Protanomaly

39.3269, 0.3544, 0.3662

Deuteranomaly

39.2489, 0.3687, 0.3623

Tritanomaly

39.2707, 0.3522, 0.3304

Monochromacy



Original Color

39.2489, 0.3687, 0.3623

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1717, 0.3320, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2489, 0.3687, 0.3623 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(195, 162, 137)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 137)  
}
```

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(195, 162, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 137) }
```

Border

The CSS property to change the border of an element to Yxy 39.2489, 0.3687, 0.3623 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(195, 162, 137) }
```

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

```
.border{ border-color:rgb(195, 162, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 162, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 162, 137); box-shadow:4px 4px 4px 4px rgb(195, 162, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2489, 0.3687, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 137) }
```

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

```
.background{ background-color: rgb(195,  
162, 137) }
```

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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