

Converting Colors

$Y_{xy}(44.2321, 0.3800, 0.3959)$

Have a look what the booklet for
Yxy(44.2321, 0.3800, 0.3959)
contains.

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Color

Yxy(44.2321, 0.3800, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	C7AF7B
RGB	199, 175, 123
RGB Percent	78%, 69%, 48%
CMY	0.2197, 0.3137, 0.5177
CMYK	0.00, 0.12, 0.38, 0.22
HSL	41°, 40%, 63%
HSV	41°, 38%, 78%
XYZ	42.4557, 44.2321, 25.0377
YIQ	176.2480, 30.9960, -11.0840

Conversions

Conversions Part 2

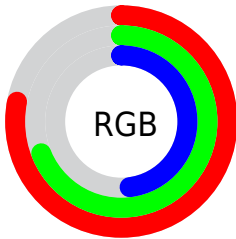
Format	Color
RYB	158, 199, 123
Decimal	13086587
CIELab	72.38, 1.25, 29.86
CIELCh	72, 29.881, 87.607
Yxy	44.2321, 0.3800, 0.3959
Android (android.graphics.Color)	4291276667 (0xFFC7AF7B)
YUV	176.2480, -26.2513, 19.9535
Hunter-Lab	66.5072, -2.4401, 24.2344

Details

The Yxy color **44.2321, 0.3800, 0.3959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1937, 0.2487, 0.2512**, and the grayscale version is **43.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9882, 0.3667, 0.3838**, and **20.5762, 0.3990, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **41.3976, 0.4003, 0.4129**, and if you desaturate by 10%, it is **47.2857, 0.3605, 0.3781**.

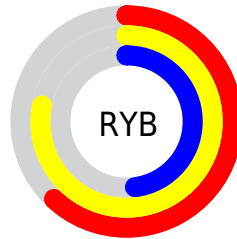
Distribution



Red (78%)

Green (69%)

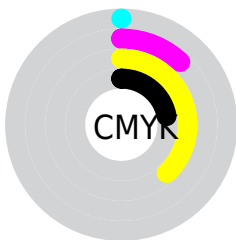
Blue (48%)



Red (62%)

Yellow (78%)

Blue (48%)

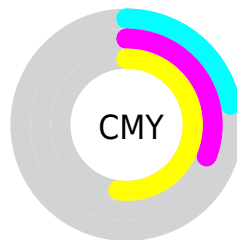


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2321, 0.3800, 0.3959 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 44.2321, 0.3800, 0.3959 by changing the saturation by 10% instead.


 44.2321, 0.3800,
0.3959


 44.2321, 0.3800,
0.3959

363.6546, 0.3465,
0.3628


 30.8530, 0.3882,
0.4039

 81.5669, 0.3679,
0.3840

 20.4870, 0.3984,
0.4139


 106.2914, 0.3634,
0.3795

 12.7495, 0.4116,
0.4267


 135.5665, 0.3595,
0.3757

 7.2563, 0.4289,
0.4433

169.7765, 0.3561,
0.3724

 3.6229, 0.4541,
0.4671

209.3060, 0.3532,
0.3695

 1.4649, 0.4949,
0.5051

254.5392, 0.3507,

 0.2639, 0.5159,

0.3670

0.4841

305.8606, 0.3485,
0.3647

■ 0.0000, 0.0000,
0.0000

■ 44.2321, 0.3800,
0.3959

■ 44.2321, 0.3800,
0.3959

■ 41.3976, 0.4003,
0.4129

■ 47.2857, 0.3605,
0.3781

■ 38.7682, 0.4208,
0.4280

■ 50.5593, 0.3422,
0.3602

■ 36.3377, 0.4406,
0.4402

■ 54.0618, 0.3253,
0.3427

■ 34.0967, 0.4587,
0.4484

■ 57.7994, 0.3101,
0.3261

■ 32.0345, 0.4742,
0.4518

■ 61.7782, 0.2963,
0.3104

■ 30.1354, 0.4867,
0.4504

■ 66.0039, 0.2840,
0.2959

■ 29.8048, 0.4889,
0.4500

■ 70.0035, 0.2771,
0.2898

■ 73.3411, 0.2776,
0.2968

■ 76.8035, 0.2781,
0.3038

Harmonies

Analogous

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



44.2321, 0.3971, 0.3693



44.2321, 0.3800, 0.3959



44.2321, 0.3451, 0.4057

Triad

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



44.2321, 0.3800, 0.3959



44.2321, 0.2409, 0.3145



44.2321, 0.3181, 0.2761

Complementary

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



44.2321, 0.3800, 0.3959



29.1937, 0.2487, 0.2512

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.



44.2321, 0.2770, 0.2619



44.2321, 0.3800, 0.3959



44.2321, 0.2347, 0.2809

Square

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



44.2321, 0.3800, 0.3959



44.2321, 0.2651, 0.3563



44.2321, 0.2474, 0.2629



44.2321, 0.3603, 0.3023

Rectangle

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



44.2321, 0.3800, 0.3959



44.2321, 0.3171, 0.3990



44.2321, 0.2474, 0.2629



44.2321, 0.3037, 0.2699

Sweetspot

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



44.2341, 0.3800, 0.3959



92.8055, 0.3302, 0.3478



28.4144, 0.3758, 0.2974



19.6820, 0.3325, 0.3502



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.



44.2341, 0.3800, 0.3959



73.2224, 0.3972, 0.4104



52.5924, 0.3573, 0.4270



11.8306, 0.3273, 0.3448



19.3307, 0.4877, 0.4509



1.0410, 0.4701, 0.4649

Inverse Universe

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



29.1937, 0.2487, 0.2512



43.1460, 0.2333, 0.2301



23.6008, 0.2554, 0.2177



10.8246, 0.2983, 0.3127



5.0628, 0.1625, 0.1050



0.3710, 0.1745, 0.1483

Previews

White Background



This preview shows how the Yxy color 44.2321, 0.3800, 0.3959 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 44.2321, 0.3800, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

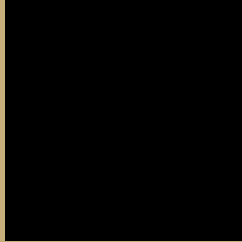
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2321, 0.3800, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 44.2321, 0.3800, 0.3959.



This preview shows how white text looks on a background with the Yxy color 44.2321, 0.3800, 0.3959.

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

44.2321, 0.3800, 0.3959

Protanopia

44.5025, 0.3711, 0.3999

Deuteranopia

44.2017, 0.3942, 0.3858



Tritanopia

44.3206, 0.3356, 0.3130

Trichromacy



Original Color

44.2321, 0.3800, 0.3959

Protanomaly

44.5016, 0.3744, 0.3980

Deuteranomaly

44.2257, 0.3883, 0.3892

Tritanomaly

44.3604, 0.3521, 0.3430

Monochromacy



Original Color

44.2321, 0.3800, 0.3959

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6753, 0.3359, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2321, 0.3800, 0.3959 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(199, 175, 123)` looks like.

```
.text, #text, p{  
    color:rgb(199, 175, 123)  
}
```

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(199, 175, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 175, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.2321, 0.3800, 0.3959 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(199, 175, 123) }
```

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

```
.border{ border-color:rgb(199, 175, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 175, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 175, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 175, 123);  
box-shadow:4px 4px 4px 4px rgb(199, 175,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2321, 0.3800, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 175, 123) }
```

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

```
.background{ background-color: rgb(199,  
175, 123) }
```

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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