

Converting Colors

$Y_{xy}(33.8560, 0.3793, 0.3626)$

Have a look what the booklet for
Yxy(33.8560, 0.3793, 0.3626)
contains.

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Color

Yxy(33.7944, 0.3799, 0.3623)

Conversions

Conversions Part 1	
Format	Color
Hex	BD957D
RGB	189, 149, 125
RGB Percent	74%, 58%, 49%
CMY	0.2588, 0.4157, 0.5099
CMYK	0.00, 0.21, 0.34, 0.26
HSL	23°, 33%, 62%
HSV	23°, 34%, 74%
XYZ	35.4361, 33.7944, 24.0469
YIQ	158.2240, 31.5440, 1.0160

Conversions

Conversions Part 2

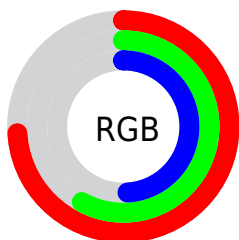
Format	Color
RYB	189, 163, 125
Decimal	12424573
CIELab	64.80, 11.59, 18.42
CIELCh	65, 21.762, 57.811
Yxy	33.7944, 0.3799, 0.3623
Android (android.graphics.Color)	4290614653 (0xFFBD957D)
YUV	158.2240, -16.3794, 26.9906
Hunter-Lab	58.1330, 7.0755, 16.1675

Details

The Yxy color $33.7944, 0.3799, 0.3623$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $34.9355, 0.2607, 0.2929$, and the grayscale version is $34.3643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $65.5191, 0.3660, 0.3558$, and $14.3255, 0.4015, 0.3710$ is the 20% darker color. If you saturate the color by 10%, you get $29.8090, 0.4067, 0.3723$, and if you desaturate by 10%, it is $38.2538, 0.3564, 0.3521$.

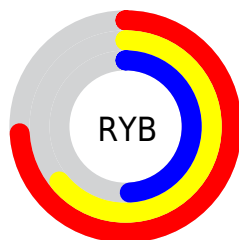
Distribution



Red (74%)

Green (58%)

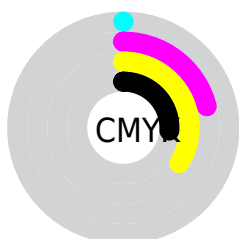
Blue (49%)



Red (74%)

Yellow (64%)

Blue (49%)

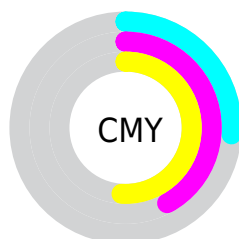


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7944, 0.3799, 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 33.7944, 0.3799, 0.3623 by changing the saturation by 10% instead.

 33.7944, 0.3799,
0.3623


 33.7944, 0.3799,
0.3623


319.2143, 0.3443,
0.3456


 22.7357, 0.3894,
0.3664


 65.6138, 0.3665,
0.3563

 14.3985, 0.4020,
0.3715


 87.1433, 0.3616,
0.3540

 8.3983, 0.4194,
0.3780


 112.9319, 0.3575,
0.3521

 4.3509, 0.4446,
0.3862

143.3639, 0.3541,
0.3504

 1.8717, 0.4913,
0.4021

178.8237, 0.3511,
0.3490

 0.5313, 0.5973,
0.4027

219.6958, 0.3485,

 0.0000, 0.0000,


0.3477

0.0000

266.3646, 0.3463,
0.3466


 33.7944, 0.3799,
0.3623


 33.7944, 0.3799,
0.3623


 29.8090, 0.4067,
0.3723


 38.2538, 0.3564,
0.3521


 26.2763, 0.4368,
0.3813


 43.1980, 0.3361,
0.3420


 23.1805, 0.4692,
0.3883


 48.6433, 0.3188,
0.3325


 20.5026, 0.5025,
0.3920


 54.6040, 0.3039,
0.3236


 18.2222, 0.5343,
0.3913


 61.0935, 0.2913,
0.3155

 16.3163, 0.5619,
0.3854

 68.1250, 0.2804,
0.3080

 15.3177, 0.5768,
0.3802

 75.5632, 0.2723,
0.3035

 82.4232, 0.2735,
0.3165

 89.5604, 0.2747,
0.3289

Harmonies

Analogous

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



33.7944, 0.3742, 0.3351



33.7944, 0.3799, 0.3623



33.7944, 0.3665, 0.3829

Triad

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



33.7944, 0.3799, 0.3623



33.7944, 0.2746, 0.3505



33.7944, 0.2845, 0.2746

Complementary

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



33.7944, 0.3799, 0.3623



34.9355, 0.2607, 0.2929

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.



33.7944, 0.2602, 0.2758



33.7944, 0.3799, 0.3623



33.7944, 0.2547, 0.3179

Square

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



33.7944, 0.3799, 0.3623



33.7944, 0.3051, 0.3779



33.7944, 0.2497, 0.2908



33.7944, 0.3176, 0.2863

Rectangle

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



33.7944, 0.3799, 0.3623



33.7944, 0.3492, 0.3893



33.7944, 0.2497, 0.2908



33.7944, 0.2751, 0.2735

Sweetspot

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



33.7960, 0.3799, 0.3623



80.8800, 0.3293, 0.3384



28.2161, 0.3420, 0.2744



17.1037, 0.3319, 0.3398



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7960, 0.3799, 0.3623



54.8985, 0.4005, 0.3701



45.1343, 0.3664, 0.4023



10.1072, 0.3279, 0.3377



10.4410, 0.5745, 0.3820



0.5357, 0.5293, 0.4180

Inverse Universe

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



34.9355, 0.2607, 0.2929



57.2403, 0.2491, 0.2830



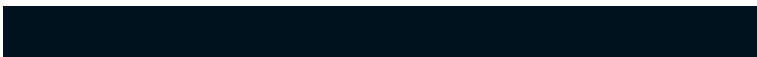
24.9472, 0.2543, 0.2431



10.1914, 0.2984, 0.3202



11.3526, 0.1897, 0.2027



0.5666, 0.1990, 0.2364

Previews

White Background



This preview shows how the Yxy color 33.7944, 0.3799, 0.3623 looks on a white background.

Color Contrast Check

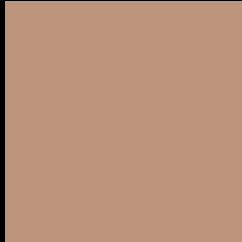
Large Text (above 18pt) WCAG AA × Fail

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 33.7944, 0.3799, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

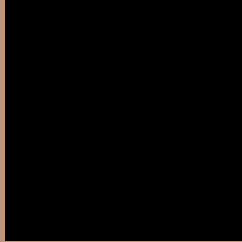
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7944, 0.3799, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 33.7944, 0.3799, 0.3623.



This preview shows how white text looks on a background with the Yxy color 33.7944, 0.3799, 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

33.7944, 0.3799, 0.3623

Protanopia

33.9144, 0.3492, 0.3706

Deuteranopia

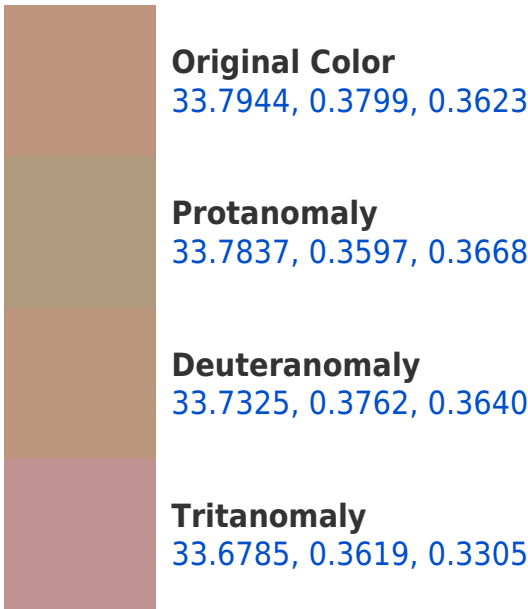
33.8042, 0.3736, 0.3657



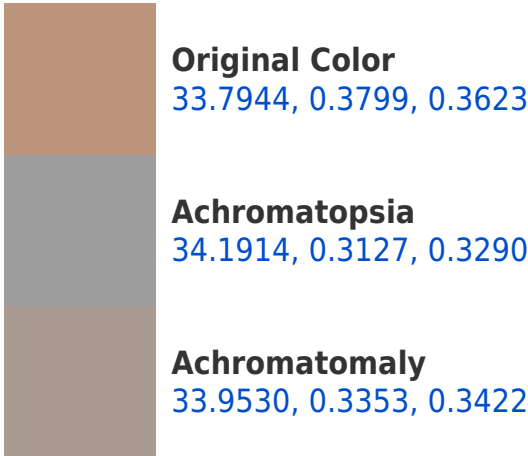
Tritanopia

33.8576, 0.3515, 0.3143

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7944, 0.3799, 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(189, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(189, 149, 125)  
}
```

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(189, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 149, 125) }
```

Border

The CSS property to change the border of an element to Yxy 33.7944, 0.3799, 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(189, 149, 125) }
```

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

```
.border{ border-color:rgb(189, 149, 125) }
```

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

Here you see how a box with a 4 pixel rgb(189, 149, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(189, 149,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7944, 0.3799, 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(189, 149, 125) }
```

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

```
.background{ background-color: rgb(189,  
149, 125) }
```

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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