

Converting Colors

$Yxy(39.6747, 0.3712, 0.3932)$

Have a look what the booklet for
Yxy(39.6747, 0.3712, 0.3932)
contains.

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Color

Yxy(39.7000, 0.3711, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	B9A879
RGB	185, 168, 121
RGB Percent	73%, 66%, 47%
CMY	0.2746, 0.3411, 0.5254
CMYK	0.00, 0.09, 0.35, 0.27
HSL	44°, 31%, 60%
HSV	44°, 35%, 73%
XYZ	37.4591, 39.7000, 23.7816
YIQ	167.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

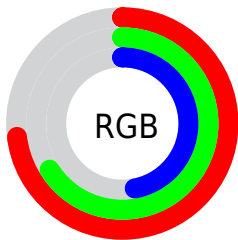
Format	Color
RYB	144, 185, 121
Decimal	12167289
CIELab	69.26, -0.89, 26.55
CIELCh	69, 26.561, 91.928
Yxy	39.7000, 0.3711, 0.3933
Android (android.graphics.Color)	4290357369 (0xFFB9A879)
YUV	167.7250, -23.0354, 15.1502
Hunter-Lab	63.0079, -4.1431, 21.7272

Details

The Yxy color **39.7000, 0.3711, 0.3933** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7417, 0.2548, 0.2549**, and the grayscale version is **39.1223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7086, 0.3603, 0.3810**, and **17.7840, 0.3880, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **37.5120, 0.3900, 0.4116**, and if you desaturate by 10%, it is **42.0471, 0.3528, 0.3743**.

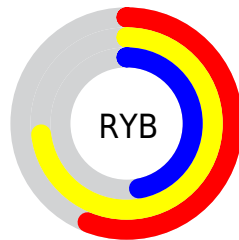
Distribution



Red (73%)

Green (66%)

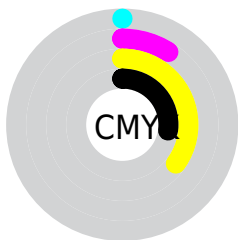
Blue (47%)



Red (56%)

Yellow (73%)

Blue (47%)

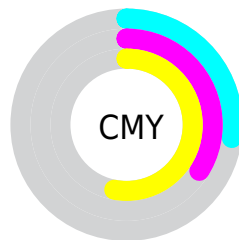


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7000, 0.3711, 0.3933 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 39.7000, 0.3711, 0.3933 by changing the saturation by 10% instead.


 39.7000, 0.3711,
0.3933


 39.7000, 0.3711,
0.3933


344.8575, 0.3415,
0.3606


 27.3047, 0.3785,
0.4015


 74.7065, 0.3603,
0.3813

 17.8022, 0.3879,
0.4120


 98.0864, 0.3563,
0.3769

 10.8081, 0.4002,
0.4258


 125.8968, 0.3528,
0.3731

 5.9379, 0.4166,
0.4444

158.5218, 0.3499,
0.3698

 2.8074, 0.4448,
0.4763

196.3461, 0.3474,
0.3671

 1.0320, 0.4811,
0.5189

239.7538, 0.3452,

 0.0000, 0.0000,

0.3646

0.0000

289.1295, 0.3432,
0.3625

■ 39.7000, 0.3711,
0.3933

■ 39.7000, 0.3711,
0.3933

■ 37.5120, 0.3900,
0.4116

■ 42.0471, 0.3528,
0.3743

■ 35.4720, 0.4090,
0.4285

■ 44.5531, 0.3356,
0.3554

■ 33.5754, 0.4274,
0.4427


■ 47.2249, 0.3196,
0.3371


■ 31.8153, 0.4441,
0.4534


■ 50.0672, 0.3050,
0.3197

■ 30.1839, 0.4586,
0.4597


■ 53.0844, 0.2917,
0.3034

 28.6717, 0.4700,
0.4611

 56.2809, 0.2798,
0.2882

 27.8919, 0.4755,
0.4606

 59.6607, 0.2692,
0.2743

 62.2929, 0.2672,
0.2754

 64.7127, 0.2678,
0.2811

Harmonies

Analogous

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



39.7000, 0.3896, 0.3707



39.7000, 0.3711, 0.3933



39.7000, 0.3374, 0.3990

Triad

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



39.7000, 0.3711, 0.3933



39.7000, 0.2443, 0.3108



39.7000, 0.3237, 0.2829

Complementary

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



39.7000, 0.3711, 0.3933



25.7417, 0.2548, 0.2549

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.



39.7000, 0.2848, 0.2678



39.7000, 0.3711, 0.3933



39.7000, 0.2411, 0.2814

Square

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



39.7000, 0.3711, 0.3933



39.7000, 0.2647, 0.3487



39.7000, 0.2554, 0.2667



39.7000, 0.3615, 0.3086

Rectangle

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



39.7000, 0.3711, 0.3933



39.7000, 0.3113, 0.3904



39.7000, 0.2554, 0.2667



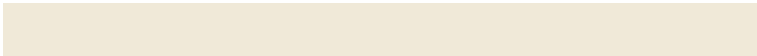
39.7000, 0.3102, 0.2765

Sweetspot

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



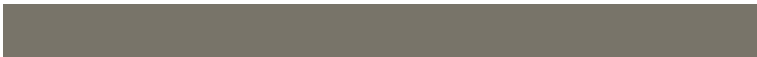
39.7018, 0.3711, 0.3933



81.8869, 0.3283, 0.3472



25.8275, 0.3713, 0.3051



17.5105, 0.3306, 0.3498



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.7018, 0.3711, 0.3933



68.3105, 0.3845, 0.4064



44.6245, 0.3502, 0.4180



10.0892, 0.3270, 0.3457



19.1197, 0.4746, 0.4613



0.7696, 0.4575, 0.4750

Inverse Universe

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



25.7417, 0.2548, 0.2549



39.7947, 0.2417, 0.2366



22.4094, 0.2653, 0.2310



9.0968, 0.2985, 0.3117



3.9901, 0.1595, 0.0941



0.2457, 0.1742, 0.1471

Previews

White Background



This preview shows how the Yxy color 39.7000, 0.3711, 0.3933 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 39.7000, 0.3711, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

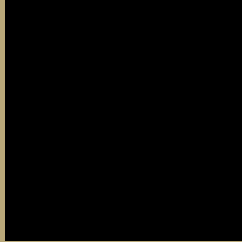
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7000, 0.3711, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 39.7000, 0.3711, 0.3933.



This preview shows how white text looks on a background with the Yxy color 39.7000, 0.3711, 0.3933.

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

39.7000, 0.3711, 0.3933

Protanopia

39.7015, 0.3677, 0.3953

Deuteranopia

39.6633, 0.3892, 0.3810



Tritanopia

39.6221, 0.3297, 0.3120

Trichromacy



Original Color

39.7000, 0.3711, 0.3933

Protanomaly

39.8237, 0.3687, 0.3950

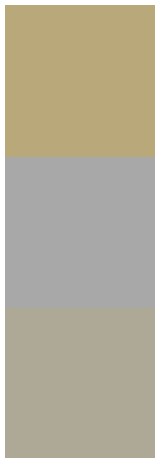
Deuteranomaly

39.5582, 0.3821, 0.3847

Tritanomaly

39.7363, 0.3449, 0.3412

Monochromacy



Original Color

39.7000, 0.3711, 0.3933

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2383, 0.3332, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7000, 0.3711, 0.3933 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(185, 168, 121)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 121)  
}
```

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(185, 168, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 121) }
```

Border

The CSS property to change the border of an element to Yxy 39.7000, 0.3711, 0.3933 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(185, 168, 121) }
```

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

```
.border{ border-color:rgb(185, 168, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 168, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 121);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7000, 0.3711, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 121) }
```

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

```
.background{ background-color: rgb(185,  
168, 121) }
```

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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