

Converting Colors

Yxy(37.5169, 0.3492, 0.3748)

Have a look what the booklet for
Yxy(37.5169, 0.3492, 0.3748)
contains.

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Color

Yxy(37.4880, 0.3492, 0.3749)

Conversions

Conversions Part 1	
Format	Color
Hex	ADA585
RGB	173, 165, 133
RGB Percent	68%, 65%, 52%
CMY	0.3217, 0.3529, 0.4784
CMYK	0.00, 0.05, 0.23, 0.32
HSL	48°, 20%, 60%
HSV	48°, 23%, 68%
XYZ	34.9181, 37.4880, 27.5885
YIQ	163.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

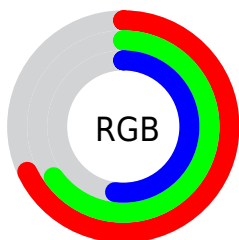
Format	Color
RYB	143, 173, 133
Decimal	11380101
CIELab	67.64, -2.42, 17.65
CIELCh	68, 17.818, 97.810
Yxy	37.4880, 0.3492, 0.3749
Android (android.graphics.Color)	4289570181 (0xFFADA585)
YUV	163.7440, -15.1568, 8.1175
Hunter-Lab	61.2274, -5.3491, 16.1437

Details

The Yxy color $37.4880, 0.3492, 0.3749$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $27.0436, 0.2753, 0.2785$, and the grayscale version is $37.0638, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.3896, 0.3426, 0.3663$, and $16.4279, 0.3605, 0.3894$ is the 20% darker color. If you saturate the color by 10%, you get $35.8240, 0.3664, 0.3953$, and if you desaturate by 10%, it is $39.2676, 0.3327, 0.3546$.

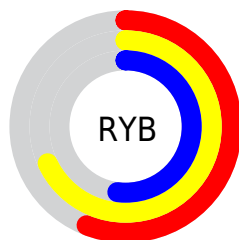
Distribution



Red (68%)

Green (65%)

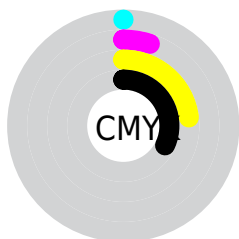
Blue (52%)



Red (56%)

Yellow (68%)

Blue (52%)

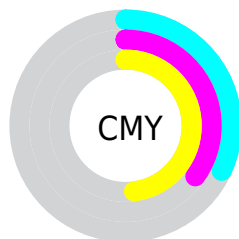


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (32%)



Cyan (32%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4880, 0.3492, 0.3749 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 37.4880, 0.3492, 0.3749 by changing the saturation by 10% instead.


 37.4880, 0.3492,
0.3749


 37.4880, 0.3492,
0.3749


335.4185, 0.3304,
0.3510


 25.5856, 0.3540,
0.3811


 71.3227, 0.3423,
0.3660

 16.5138, 0.3603,
0.3893


 94.0237, 0.3397,
0.3628

 9.8885, 0.3687,
0.4004


 121.0931, 0.3375,
0.3600

 5.3251, 0.3805,
0.4162

152.9152, 0.3357,
0.3577

 2.4392, 0.3982,
0.4406

189.8743, 0.3341,
0.3557

 0.8460, 0.4683,
0.5317

232.3550, 0.3327,


 0.0000, 0.0000,


0.3539


0.0000


280.7416, 0.3315,
0.3524


 37.4880, 0.3492,
0.3749


 37.4880, 0.3492,
0.3749


 35.8240, 0.3664,
0.3953


 39.2676, 0.3327,
0.3546


 34.2665, 0.3839,
0.4150


 41.1615, 0.3173,
0.3349


 32.8126, 0.4012,
0.4332


 43.1751, 0.3030,
0.3162

 31.4575, 0.4175,
0.4490


 45.3118, 0.2899,
0.2986


 30.1959, 0.4321,
0.4613


 47.5749, 0.2781,
0.2823

 29.0215, 0.4444,
0.4694

 49.9675, 0.2674,
0.2673

 27.9272, 0.4539,
0.4729

 52.4926, 0.2577,
0.2536

 27.2083, 0.4593,
0.4735

 54.0522, 0.2578,
0.2568

 55.5887, 0.2583,
0.2609

Harmonies

Analogous

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



37.4880, 0.3639, 0.3622



37.4880, 0.3492, 0.3749



37.4880, 0.3250, 0.3750

Triad

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



37.4880, 0.3492, 0.3749



37.4880, 0.2637, 0.3126



37.4880, 0.3259, 0.2998

Complementary

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



37.4880, 0.3492, 0.3749



27.0436, 0.2753, 0.2785

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.



37.4880, 0.2988, 0.2874



37.4880, 0.3492, 0.3749



37.4880, 0.2638, 0.2937

Square

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



37.4880, 0.3492, 0.3749



37.4880, 0.2760, 0.3376



37.4880, 0.2763, 0.2850



37.4880, 0.3503, 0.3193

Rectangle

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



37.4880, 0.3492, 0.3749



37.4880, 0.3070, 0.3671



37.4880, 0.2763, 0.2850



37.4880, 0.3168, 0.2947

Sweetspot

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



37.4897, 0.3492, 0.3749



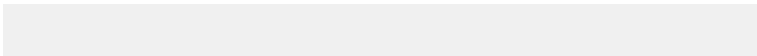
72.3559, 0.3234, 0.3427



27.5817, 0.3500, 0.3173



15.6827, 0.3242, 0.3439



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.4897, 0.3492, 0.3749



65.5347, 0.3584, 0.3859



39.1454, 0.3354, 0.3877



9.0551, 0.3267, 0.3470



20.0770, 0.4588, 0.4739



0.6266, 0.4448, 0.4850

Inverse Universe

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



27.0436, 0.2753, 0.2785



43.3435, 0.2656, 0.2648



25.8131, 0.2862, 0.2676



8.0060, 0.2986, 0.3103



3.1433, 0.1560, 0.0817



0.1609, 0.1708, 0.1349

Previews

White Background



This preview shows how the Yxy color 37.4880, 0.3492, 0.3749 looks on a white background.

Color Contrast Check

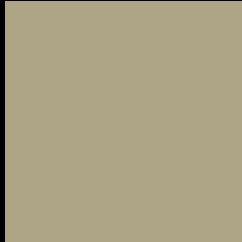
Large Text (above 18pt) WCAG AA × Fail

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 37.4880, 0.3492, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

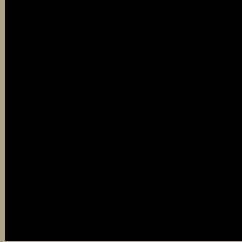
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

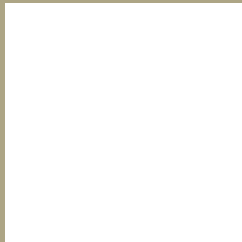
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.4880, 0.3492, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 37.4880, 0.3492, 0.3749.



This preview shows how white text looks on a background with the Yxy color 37.4880, 0.3492, 0.3749.

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

37.4880, 0.3492, 0.3749

Protanopia

37.3583, 0.3516, 0.3732

Deuteranopia

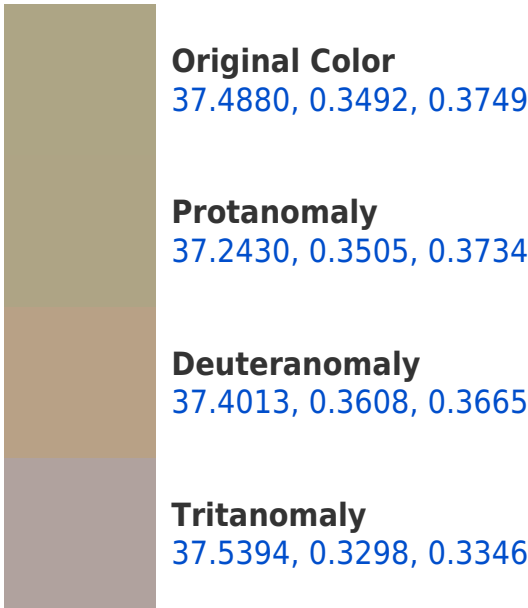
37.2513, 0.3691, 0.3616



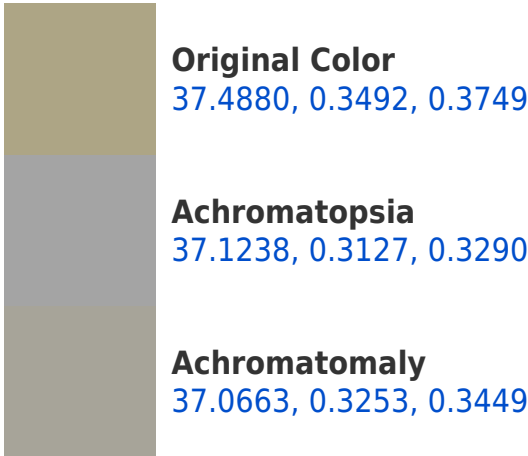
Tritanopia

37.5851, 0.3192, 0.3126

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4880, 0.3492, 0.3749 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(173, 165, 133) looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 133)  
}
```

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(173, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 133) }
```

Border

The CSS property to change the border of an element to Yxy 37.4880, 0.3492, 0.3749 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(173, 165, 133) }
```

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

```
.border{ border-color:rgb(173, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
133) }
```

Background

The CSS property to change the background color of an element to Yxy 37.4880, 0.3492, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 133) }
```

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

```
.background{ background-color: rgb(173,  
165, 133) }
```

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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