

Converting Colors

$Yxy(36.7529, 0.3774, 0.4190)$

Have a look what the booklet for
Yxy(36.7529, 0.3774, 0.4190)
contains.

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Color

Yxy(36.7538, 0.3770, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	ADA566
RGB	173, 165, 102
RGB Percent	68%, 65%, 40%
CMY	0.3216, 0.3529, 0.6000
CMYK	0.00, 0.05, 0.41, 0.32
HSL	53°, 30%, 54%
HSV	53°, 41%, 68%
XYZ	33.0854, 36.7538, 17.9205
YIQ	160.2100, 24.9910, -17.8970

Conversions

Conversions Part 2

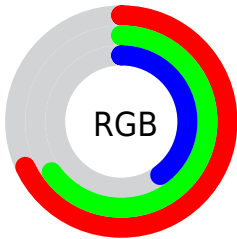
Format	Color
RYB	111, 173, 102
Decimal	11380070
CIELab	67.09, -6.43, 33.66
CIELCh	67, 34.266, 100.816
Yxy	36.7538, 0.3770, 0.4188
Android (android.graphics.Color)	4289570150 (0xFFADA566)
YUV	160.2100, -28.6975, 11.2168
Hunter-Lab	60.6249, -8.6790, 24.9115

Details

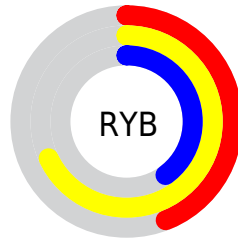
The Yxy color **36.7538, 0.3770, 0.4188** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9901, 0.2402, 0.2195**, and the grayscale version is **35.3824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3425, 0.3657, 0.4016**, and **15.9892, 0.3948, 0.4460** is the 20% darker color. If you saturate the color by 10%, you get **35.7508, 0.3924, 0.4388**, and if you desaturate by 10%, it is **37.8425, 0.3610, 0.3972**.

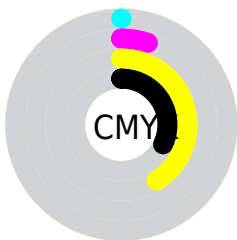
Distribution



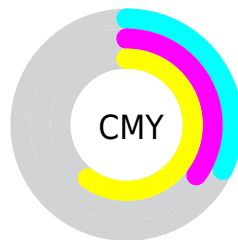
- Red (68%)
- Green (65%)
- Blue (40%)



- Red (44%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (41%)
- Black (32%)




- Cyan (32%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7538, 0.3770, 0.4188 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 36.7538, 0.3770, 0.4188 by changing the saturation by 10% instead.

 36.7538, 0.3770,
0.4188


 36.7538, 0.3770,
0.4188

332.2434, 0.3447,
0.3722

 25.0169, 0.3848,
0.4306


 70.1940, 0.3654,
0.4016

 16.0897, 0.3944,
0.4458


 92.6660, 0.3610,
0.3952

 9.5876, 0.4063,
0.4656


 119.4853, 0.3573,
0.3899

 5.1264, 0.4206,
0.4918

 151.0362, 0.3540,
0.3853

 2.3216, 0.4528,
0.5472

187.7030, 0.3512,
0.3813

 0.7851, 0.4287,
0.5713

229.8702, 0.3488,

 0.0000, 0.0000,

0.3779

0.0000

277.9222, 0.3466,
0.3749

■ 36.7538, 0.3770,
0.4188

■ 36.7538, 0.3770,
0.4188

■ 35.7508, 0.3924,
0.4388

■ 37.8425, 0.3610,
0.3972

■ 34.8238, 0.4065,
0.4564

■ 39.0159, 0.3449,
0.3749

■ 33.9696, 0.4188,
0.4705

■ 40.2797, 0.3292,
0.3527

■ 33.1824, 0.4287,
0.4806

■ 41.6373, 0.3142,
0.3312

■ 32.4553, 0.4358,
0.4862

■ 43.0921, 0.3002,
0.3107

■ 31.8418, 0.4404,
0.4885

■ 44.6474, 0.2872,
0.2914

■ 46.3062, 0.2753,
0.2736

■ 48.0713, 0.2645,
0.2571

■ 49.7708, 0.2563,
0.2447

Harmonies

Analogous

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



36.7538, 0.4093, 0.3925



36.7538, 0.3770, 0.4188



36.7538, 0.3289, 0.4200

Triad

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



36.7538, 0.3770, 0.4188



36.7538, 0.2204, 0.2905



36.7538, 0.3424, 0.2779

Complementary

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



36.7538, 0.3770, 0.4188



16.9901, 0.2402, 0.2195

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.



36.7538, 0.2898, 0.2542



36.7538, 0.3770, 0.4188



36.7538, 0.2232, 0.2584

Square

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



36.7538, 0.3770, 0.4188



36.7538, 0.2397, 0.3391



36.7538, 0.2474, 0.2467



36.7538, 0.3897, 0.3132

Rectangle

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



36.7538, 0.3770, 0.4188



36.7538, 0.2948, 0.4029



36.7538, 0.2474, 0.2467



36.7538, 0.3246, 0.2685

Sweetspot

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



36.7555, 0.3770, 0.4188



71.8736, 0.3310, 0.3553



19.5181, 0.4027, 0.3167



15.5571, 0.3329, 0.3581



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.



36.7555, 0.3770, 0.4188



64.2407, 0.3906, 0.4366



36.9336, 0.3460, 0.4384



9.1741, 0.3265, 0.3490



23.4476, 0.4402, 0.4887



0.6950, 0.4331, 0.4943

Inverse Universe

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



16.9901, 0.2402, 0.2195



24.1403, 0.2224, 0.1913



17.2036, 0.2662, 0.2142



7.8969, 0.2986, 0.3082



2.6149, 0.1527, 0.0695



0.1177, 0.1625, 0.1050

Previews

White Background



This preview shows how the Yxy color 36.7538, 0.3770, 0.4188 looks on a white background.

Color Contrast Check

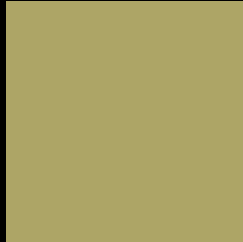
Large Text (above 18pt) WCAG AA × Fail

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 36.7538, 0.3770, 0.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

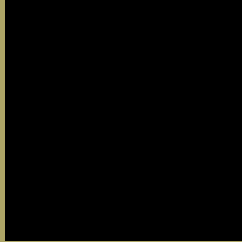
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7538, 0.3770, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 36.7538, 0.3770, 0.4188.



This preview shows how white text looks on a background with the Yxy color 36.7538, 0.3770, 0.4188.

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

36.7538, 0.3770, 0.4188

Protanopia

36.5989, 0.3842, 0.4159

Deuteranopia

36.6467, 0.4055, 0.3972



Tritanopia

36.6818, 0.3242, 0.3126

Trichromacy



Original Color

36.7538, 0.3770, 0.4188

Protanomaly

36.7206, 0.3815, 0.4178

Deuteranomaly

36.4669, 0.3952, 0.4050

Tritanomaly

36.5331, 0.3434, 0.3503

Monochromacy



Original Color

36.7538, 0.3770, 0.4188

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7041, 0.3364, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7538, 0.3770, 0.4188 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 102) }
```

Border

The CSS property to change the border of an element to Yxy 36.7538, 0.3770, 0.4188 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, 102) }
```

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

```
.border{ border-color:rgb(173, 165, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 102);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7538, 0.3770, 0.4188 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, 102) }
```

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

```
.background{ background-color: rgb(173,  
165, 102) }
```

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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