

Converting Colors

$Yxy(37.2006, 0.3677, 0.4158)$

Have a look what the booklet for
Yxy(37.2006, 0.3677, 0.4158)
contains.

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Color

Yxy(37.1340, 0.3676, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	A9A76B
RGB	169, 167, 107
RGB Percent	66%, 65%, 42%
CMY	0.3374, 0.3450, 0.5804
CMYK	0.00, 0.01, 0.37, 0.34
HSL	58°, 26%, 54%
HSV	58°, 37%, 66%
XYZ	32.8294, 37.1340, 19.3440
YIQ	160.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

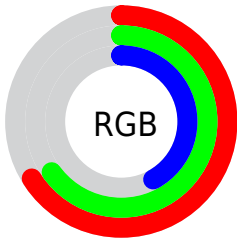
Format	Color
RYB	109, 169, 107
Decimal	11118443
CIELab	67.38, -8.57, 31.32
CIELCh	67, 32.473, 105.303
Yxy	37.1340, 0.3676, 0.4158
Android (android.graphics.Color)	4289308523 (0xFFA9A76B)
YUV	160.7580, -26.5027, 7.2282
Hunter-Lab	60.9377, -10.4764, 23.8354

Details

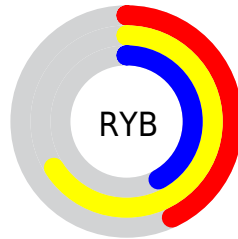
The Yxy color **37.1340, 0.3676, 0.4158** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9142, 0.2478, 0.2243**, and the grayscale version is **35.6392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7533, 0.3578, 0.3991**, and **16.2800, 0.3833, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **36.6192, 0.3818, 0.4379**, and if you desaturate by 10%, it is **37.7224, 0.3526, 0.3923**.

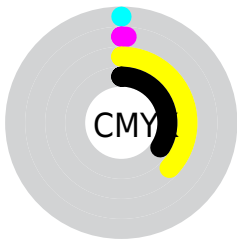
Distribution



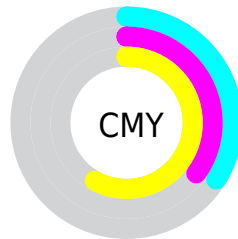
- Red (66%)
- Green (65%)
- Blue (42%)



- Red (43%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (37%)
- Black (34%)





- Cyan (34%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1340, 0.3676, 0.4158 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 37.1340, 0.3676, 0.4158 by changing the saturation by 10% instead.


 37.1340, 0.3676,
0.4158


 37.1340, 0.3676,
0.4158


333.8903, 0.3401,
0.3705


 25.3113, 0.3742,
0.4275


 70.7788, 0.3577,
0.3990


 16.3091, 0.3824,
0.4427


 93.3697, 0.3540,
0.3927

 9.7431, 0.3925,
0.4628


 120.3188, 0.3508,
0.3875

 5.2290, 0.4049,
0.4903

 152.0104, 0.3481,
0.3831

 2.3822, 0.4415,
0.5585

188.8289, 0.3457,
0.3793

 0.8167, 0.4098,
0.5902

231.1588, 0.3436,

 0.0000, 0.0000,

0.3759

0.0000

279.3845, 0.3418,
0.3730

■ 37.1340, 0.3676,
0.4158

■ 37.1340, 0.3676,
0.4158

■ 36.6192, 0.3818,
0.4379

■ 37.7224, 0.3526,
0.3923

■ 36.1690, 0.3947,
0.4576

■ 38.3833, 0.3374,
0.3683

■ 35.7805, 0.4056,
0.4742


■ 39.1216, 0.3224,
0.3445


■ 35.4487, 0.4142,
0.4868


■ 39.9406, 0.3080,
0.3215

■ 35.1678, 0.4203,
0.4952

■ 40.8435, 0.2944,
0.2997


 34.9292, 0.4239,
0.4997

 41.8331, 0.2817,
0.2793

 34.8538, 0.4249,
0.5008

 42.9122, 0.2701,
0.2604

 44.0834, 0.2594,
0.2432

 45.0849, 0.2520,
0.2313

Harmonies

Analogous

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



37.1340, 0.4010, 0.3942



37.1340, 0.3676, 0.4158



37.1340, 0.3209, 0.4121

Triad

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



37.1340, 0.3676, 0.4158



37.1340, 0.2241, 0.2871



37.1340, 0.3483, 0.2850

Complementary

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



37.1340, 0.3676, 0.4158



16.9142, 0.2478, 0.2243

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.



37.1340, 0.2983, 0.2604



37.1340, 0.3676, 0.4158



37.1340, 0.2299, 0.2593

Square

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



37.1340, 0.3676, 0.4158



37.1340, 0.2395, 0.3313



37.1340, 0.2559, 0.2508



37.1340, 0.3906, 0.3198

Rectangle

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



37.1340, 0.3676, 0.4158



37.1340, 0.2890, 0.3931



37.1340, 0.2559, 0.2508



37.1340, 0.3316, 0.2754

Sweetspot

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



37.1357, 0.3676, 0.4158



69.4777, 0.3291, 0.3552



20.0503, 0.3964, 0.3260



15.1061, 0.3311, 0.3582



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.1357, 0.3676, 0.4158



65.7751, 0.3792, 0.4339



35.0053, 0.3378, 0.4276



8.7326, 0.3263, 0.3506



26.0021, 0.4248, 0.5009



0.6447, 0.4229, 0.5025

Inverse Universe

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



16.9142, 0.2478, 0.2243



24.2109, 0.2309, 0.1968



18.6038, 0.2782, 0.2294



7.3371, 0.2986, 0.3064



2.2362, 0.1507, 0.0626



0.0659, 0.1539, 0.0741

Previews

White Background



This preview shows how the Yxy color 37.1340, 0.3676, 0.4158 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 37.1340, 0.3676, 0.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

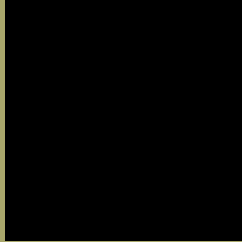
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1340, 0.3676, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 37.1340, 0.3676, 0.4158.



This preview shows how white text looks on a background with the Yxy color 37.1340, 0.3676, 0.4158.

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

37.1340, 0.3676, 0.4158

Protanopia

37.0565, 0.3792, 0.4105

Deuteranopia

37.0884, 0.4002, 0.3922



Tritanopia

37.0049, 0.3174, 0.3111

Trichromacy



Original Color

37.1340, 0.3676, 0.4158

Protanomaly

37.0648, 0.3756, 0.4127

Deuteranomaly

37.1372, 0.3884, 0.4013

Tritanomaly

36.8630, 0.3361, 0.3490

Monochromacy



Original Color

37.1340, 0.3676, 0.4158

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.0100, 0.3334, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1340, 0.3676, 0.4158 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(169, 167, 107)` looks like.

```
.text, #text, p{  
    color:rgb(169, 167, 107)  
}
```

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(169, 167, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 167, 107) }
```

Border

The CSS property to change the border of an element to Yxy 37.1340, 0.3676, 0.4158 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(169, 167, 107) }
```

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

```
.border{ border-color:rgb(169, 167, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 167, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 167, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 167, 107);  
box-shadow:4px 4px 4px 4px rgb(169, 167,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1340, 0.3676, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 167, 107) }
```

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

```
.background{ background-color: rgb(169,  
167, 107) }
```

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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