

Converting Colors

$Yxy(34.8830, 0.3737, 0.4067)$

Have a look what the booklet for
Yxy(34.8830, 0.3737, 0.4067)
contains.

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Color

Yxy(34.8611, 0.3730, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	ABA06B
RGB	171, 160, 107
RGB Percent	67%, 63%, 42%
CMY	0.3296, 0.3725, 0.5804
CMYK	0.00, 0.06, 0.37, 0.33
HSL	50°, 28%, 55%
HSV	50°, 37%, 67%
XYZ	32.0118, 34.8611, 18.9496
YIQ	157.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

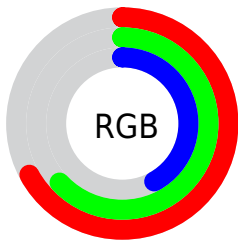
Format	Color
RYB	120, 171, 107
Decimal	11247723
CIELab	65.64, -4.02, 29.10
CIELCh	66, 29.372, 97.866
Yxy	34.8611, 0.3730, 0.4062
Android (android.graphics.Color)	4289437803 (0xFFABA06B)
YUV	157.2470, -24.7718, 12.0614
Hunter-Lab	59.0433, -6.5475, 22.3015

Details

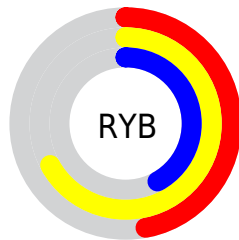
The Yxy color **34.8611, 0.3730, 0.4062** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0047, 0.2485, 0.2375**, and the grayscale version is **33.9380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4350, 0.3614, 0.3916**, and **15.1046, 0.3904, 0.4296** is the 20% darker color. If you saturate the color by 10%, you get **33.5359, 0.3899, 0.4259**, and if you desaturate by 10%, it is **36.2844, 0.3560, 0.3854**.

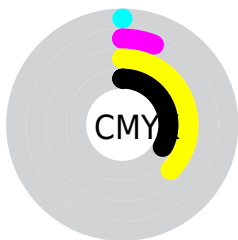
Distribution



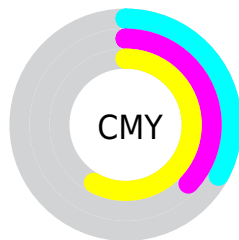
- Red (67%)
- Green (63%)
- Blue (42%)



- Red (47%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (33%)





- Cyan (33%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8611, 0.3730, 0.4062 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 34.8611, 0.3730, 0.4062 by changing the saturation by 10% instead.


 34.8611, 0.3730,
0.4062

 34.8611, 0.3730,
0.4062


323.9548, 0.3421,
0.3659

 23.5559, 0.3807,
0.4166


 67.2705, 0.3617,
0.3912

 15.0045, 0.3905,
0.4301


 89.1436, 0.3575,
0.3857

 8.8226, 0.4032,
0.4480


 115.3080, 0.3539,
0.3810

 4.6256, 0.4195,
0.4724

 146.1482, 0.3508,
0.3771

 2.0293, 0.4649,
0.5351

182.0486, 0.3482,
0.3737

 0.6244, 0.4424,
0.5576

223.3935, 0.3459,

 0.0000, 0.0000,

0.3707

0.0000

270.5675, 0.3439,
0.3682

■ 34.8611, 0.3730,
0.4062

■ 34.8611, 0.3730,
0.4062

■ 33.5359, 0.3899,
0.4259

■ 36.2844, 0.3560,
0.3854

■ 32.2998, 0.4061,
0.4436

■ 37.8051, 0.3395,
0.3644

■ 31.1494, 0.4208,
0.4584


■ 39.4286, 0.3237,
0.3438

■ 30.0794, 0.4335,
0.4693


■ 41.1584, 0.3090,
0.3240

■ 29.0835, 0.4436,
0.4759

■ 42.9977, 0.2954,
0.3053


 28.1520, 0.4511,
0.4782

 44.9497, 0.2830,
0.2878

 27.9172, 0.4529,
0.4786

 47.0175, 0.2717,
0.2717

 49.2039, 0.2615,
0.2569

 51.1288, 0.2555,
0.2490

Harmonies

Analogous

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



34.8611, 0.3989, 0.3825



34.8611, 0.3730, 0.4062



34.8611, 0.3318, 0.4088

Triad

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



34.8611, 0.3730, 0.4062



34.8611, 0.2321, 0.2996



34.8611, 0.3343, 0.2813

Complementary

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



34.8611, 0.3730, 0.4062



19.0047, 0.2485, 0.2375

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.



34.8611, 0.2887, 0.2615



34.8611, 0.3730, 0.4062



34.8611, 0.2325, 0.2693

Square

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



34.8611, 0.3730, 0.4062



34.8611, 0.2514, 0.3426



34.8611, 0.2524, 0.2566



34.8611, 0.3764, 0.3121

Rectangle

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



34.8611, 0.3730, 0.4062



34.8611, 0.3018, 0.3956



34.8611, 0.2524, 0.2566



34.8611, 0.3188, 0.2732

Sweetspot

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



34.8627, 0.3730, 0.4062



69.5333, 0.3296, 0.3515



20.4924, 0.3852, 0.3113



15.4210, 0.3316, 0.3542



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.



34.8627, 0.3730, 0.4062



60.4690, 0.3872, 0.4228



36.7213, 0.3476, 0.4267



9.0936, 0.3267, 0.3477



21.1246, 0.4525, 0.4789



0.6482, 0.4409, 0.4881

Inverse Universe

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



19.0047, 0.2485, 0.2375



27.8953, 0.2321, 0.2128



17.9840, 0.2667, 0.2242



7.9704, 0.2986, 0.3096



2.9432, 0.1548, 0.0771



0.1468, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 34.8611, 0.3730, 0.4062 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 34.8611, 0.3730, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

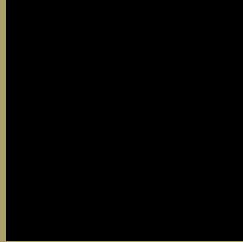
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8611, 0.3730, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 34.8611, 0.3730, 0.4062.



This preview shows how white text looks on a background with the Yxy color 34.8611, 0.3730, 0.4062.

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

34.8611, 0.3730, 0.4062

Protanopia

34.7420, 0.3757, 0.4043

Deuteranopia

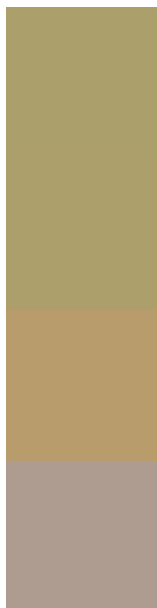
34.9630, 0.3962, 0.3887



Tritanopia

34.8462, 0.3255, 0.3123

Trichromacy



Original Color

34.8611, 0.3730, 0.4062

Protanomaly

34.6285, 0.3746, 0.4045

Deuteranomaly

35.0500, 0.3880, 0.3958

Tritanomaly

34.9045, 0.3433, 0.3463

Monochromacy



Original Color

34.8611, 0.3730, 0.4062

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9992, 0.3343, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8611, 0.3730, 0.4062 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(171, 160, 107)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 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(171, 160, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 107) }
```

Border

The CSS property to change the border of an element to Yxy 34.8611, 0.3730, 0.4062 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(171, 160, 107) }
```

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

```
.border{ border-color:rgb(171, 160, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 107);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8611, 0.3730, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 107) }
```

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

```
.background{ background-color: rgb(171,  
160, 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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