

Converting Colors

$Yxy(34.7341, 0.3718, 0.4268)$

Have a look what the booklet for
Yxy(34.7341, 0.3718, 0.4268)
contains.

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Color

Yxy(34.8440, 0.3719, 0.4268)

Conversions

Conversions Part 1

Format	Color
Hex	A3A361
RGB	163, 163, 97
RGB Percent	64%, 64%, 38%
CMY	0.3607, 0.3608, 0.6196
CMYK	0.00, 0.00, 0.40, 0.36
HSL	60°, 26%, 51%
HSV	60°, 40%, 64%
XYZ	30.3620, 34.8440, 16.4342
YIQ	155.4760, 21.1860, -20.5260

Conversions

Conversions Part 2

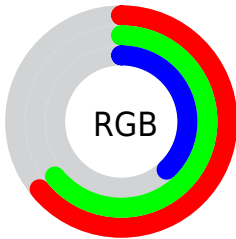
Format	Color
RYB	97, 163, 97
Decimal	10724193
CIELab	65.63, -10.04, 34.25
CIElCh	66, 35.693, 106.345
Yxy	34.8440, 0.3719, 0.4268
Android (android.graphics.Color)	4288914273 (0xFFA3A361)
YUV	155.4760, -28.8287, 6.5985
Hunter-Lab	59.0288, -11.4875, 24.8133

Details

The Yxy color **34.8440, 0.3719, 0.4268** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7396, 0.2395, 0.2081**, and the grayscale version is **33.1256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3728, 0.3611, 0.4074**, and **14.9056, 0.3876, 0.4560** is the 20% darker color. If you saturate the color by 10%, you get **34.5703, 0.3850, 0.4485**, and if you desaturate by 10%, it is **35.1834, 0.3577, 0.4033**.

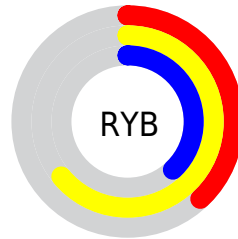
Distribution



Red (64%)

Green (64%)

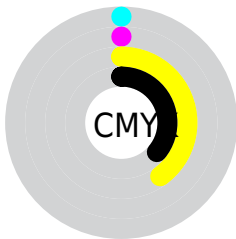
Blue (38%)



Red (38%)

Yellow (64%)

Blue (38%)

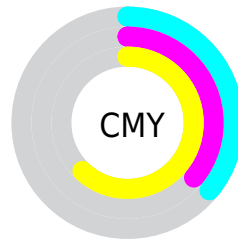


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (36%)

Magenta (36%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8440, 0.3719, 0.4268 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 34.8440, 0.3719, 0.4268 by changing the saturation by 10% instead.


 34.8440, 0.3719,
0.4268


 34.8440, 0.3719,
0.4268


323.8792, 0.3423,
0.3752


 23.5427, 0.3789,
0.4402


 67.2440, 0.3613,
0.4076


 14.9948, 0.3874,
0.4576


 89.1116, 0.3573,
0.4005

 8.8157, 0.3976,
0.4805


 115.2700, 0.3539,
0.3945

 4.6212, 0.4101,
0.5128

 146.1037, 0.3509,
0.3895

 2.0268, 0.4304,
0.5696

181.9971, 0.3483,
0.3852

 0.6229, 0.3577,
0.6423

223.3345, 0.3461,

 0.0000, 0.0000,

0.3814

0.0000

270.5005, 0.3441,
0.3781

■ 34.8440, 0.3719,
0.4268

■ 34.8440, 0.3719,
0.4268

■ 34.5703, 0.3850,
0.4485

■ 35.1834, 0.3577,
0.4033

■ 34.3537, 0.3965,
0.4674

■ 35.5871, 0.3428,
0.3788

■ 34.1914, 0.4058,
0.4828


■ 36.0602, 0.3280,
0.3542

■ 34.0786, 0.4126,
0.4941

■ 36.6056, 0.3134,
0.3302

■ 34.0096, 0.4170,
0.5013


■ 37.2262, 0.2995,
0.3072

 33.9720, 0.4194,
0.5052

 37.9247, 0.2864,
0.2856

 38.7037, 0.2743,
0.2655

 39.5657, 0.2632,
0.2471

 40.5129, 0.2531,
0.2304

Harmonies

Analogous

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



34.8440, 0.4104, 0.4022



34.8440, 0.3719, 0.4268



34.8440, 0.3194, 0.4224

Triad

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



34.8440, 0.3719, 0.4268



34.8440, 0.2142, 0.2802



34.8440, 0.3543, 0.2812

Complementary

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



34.8440, 0.3719, 0.4268



13.7396, 0.2395, 0.2081

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.



34.8440, 0.2982, 0.2537



34.8440, 0.3719, 0.4268



34.8440, 0.2214, 0.2505

Square

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



34.8440, 0.3719, 0.4268



34.8440, 0.2301, 0.3292



34.8440, 0.2506, 0.2423



34.8440, 0.4015, 0.3197

Rectangle

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



34.8440, 0.3719, 0.4268



34.8440, 0.2839, 0.4002



34.8440, 0.2506, 0.2423



34.8440, 0.3356, 0.2705

Sweetspot

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



34.8456, 0.3719, 0.4268



64.4093, 0.3305, 0.3584



17.2217, 0.4107, 0.3275



14.4419, 0.3323, 0.3614



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8456, 0.3719, 0.4268



61.9229, 0.3843, 0.4473



31.8983, 0.3389, 0.4388



8.2369, 0.3262, 0.3512



26.3959, 0.4194, 0.5052



0.5547, 0.4194, 0.5052

Inverse Universe

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



13.7396, 0.2395, 0.2081



18.6398, 0.2196, 0.1751



15.8545, 0.2750, 0.2188



6.8603, 0.2987, 0.3058



2.0561, 0.1500, 0.0600



0.0433, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 34.8440, 0.3719, 0.4268 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 34.8440, 0.3719, 0.4268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

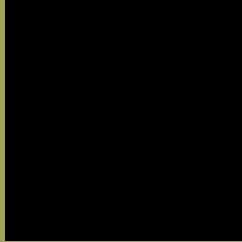
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8440, 0.3719, 0.4268

Background



This preview shows how black text looks on a background with the Yxy color 34.8440, 0.3719, 0.4268.



This preview shows how white text looks on a background with the Yxy color 34.8440, 0.3719, 0.4268.

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

34.8440, 0.3719, 0.4268

Protanopia

34.6395, 0.3866, 0.4190

Deuteranopia

34.5638, 0.4076, 0.4000



Tritanopia

34.8906, 0.3174, 0.3121

Trichromacy



Original Color

34.8440, 0.3719, 0.4268

Protanomaly

34.5322, 0.3818, 0.4218

Deuteranomaly

34.4825, 0.3942, 0.4100

Tritanomaly

34.7315, 0.3375, 0.3525

Monochromacy



Original Color

34.8440, 0.3719, 0.4268

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.4441, 0.3349, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8440, 0.3719, 0.4268 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(163, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(163, 163, 97)  
}
```

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(163, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 163, 97) }
```

Border

The CSS property to change the border of an element to Yxy 34.8440, 0.3719, 0.4268 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(163, 163, 97) }
```

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

```
.border{ border-color:rgb(163, 163, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 163, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(163, 163,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8440, 0.3719, 0.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 163, 97) }
```

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

```
.background{ background-color: rgb(163,  
163, 97) }
```

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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