

Converting Colors

$Yxy(35.1188, 0.3749, 0.4065)$

Have a look what the booklet for
Yxy(35.1188, 0.3749, 0.4065)
contains.

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Color

Yxy(35.0874, 0.3752, 0.4056)

Conversions

Conversions Part 1

Format	Color
Hex	ADA06B
RGB	173, 160, 107
RGB Percent	68%, 63%, 42%
CMY	0.3216, 0.3725, 0.5805
CMYK	0.00, 0.08, 0.38, 0.32
HSL	48°, 29%, 55%
HSV	48°, 38%, 68%
XYZ	32.4576, 35.0874, 18.9624
YIQ	157.8450, 24.7610, -13.7270

Conversions

Conversions Part 2

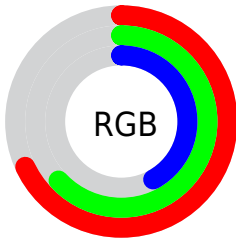
Format	Color
RYB	123, 173, 107
Decimal	11378795
CIELab	65.82, -3.17, 29.37
CIELCh	66, 29.546, 96.164
Yxy	35.0874, 0.3752, 0.4056
Android (android.graphics.Color)	4289568875 (0xFFADA06B)
YUV	157.8450, -25.0666, 13.2909
Hunter-Lab	59.2346, -5.8516, 22.4841

Details

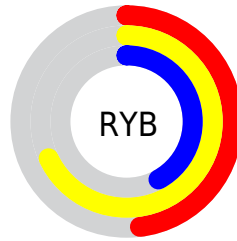
The Yxy color **35.0874, 0.3752, 0.4056** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5662, 0.2474, 0.2382**, and the grayscale version is **34.2253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7621, 0.3630, 0.3912**, and **15.1750, 0.3919, 0.4290** is the 20% darker color. If you saturate the color by 10%, you get **33.5959, 0.3926, 0.4247**, and if you desaturate by 10%, it is **36.6873, 0.3578, 0.3854**.

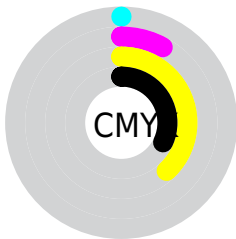
Distribution



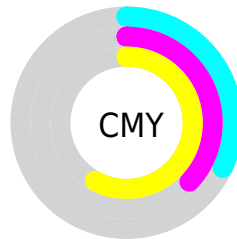
- Red (68%)
- Green (63%)
- Blue (42%)



- Red (48%)
- Yellow (68%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (32%)





- Cyan (32%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0874, 0.3752, 0.4056 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 35.0874, 0.3752, 0.4056 by changing the saturation by 10% instead.


 35.0874, 0.3752,
0.4056


 35.0874, 0.3752,
0.4056


324.9539, 0.3432,
0.3657

 23.7302, 0.3832,
0.4158


 67.6211, 0.3635,
0.3908

 15.1336, 0.3934,
0.4290


 89.5665, 0.3591,
0.3854

 8.9132, 0.4065,
0.4465


 115.8100, 0.3554,
0.3808

 4.6846, 0.4235,
0.4700

 146.7361, 0.3522,
0.3769

 2.0634, 0.4698,
0.5302

182.7291, 0.3495,
0.3735

 0.6439, 0.4536,
0.5464

224.1735, 0.3471,

 0.0000, 0.0000,

0.3706

0.0000

271.4537, 0.3450,
0.3680

■ 35.0874, 0.3752,
0.4056

■ 35.0874, 0.3752,
0.4056

■ 33.5959, 0.3926,
0.4247

■ 36.6873, 0.3578,
0.3854

■ 32.2034, 0.4094,
0.4419

■ 38.3950, 0.3409,
0.3649

■ 30.9064, 0.4249,
0.4560


■ 40.2162, 0.3250,
0.3448

■ 29.6991, 0.4383,
0.4663


■ 42.1545, 0.3101,
0.3255


■ 28.5749, 0.4491,
0.4721


■ 44.2135, 0.2964,
0.3073


 27.5228, 0.4573,
0.4738

 46.3965, 0.2839,
0.2903

 27.3350, 0.4588,
0.4739

 48.7066, 0.2726,
0.2746

 51.1470, 0.2625,
0.2602

 53.2165, 0.2575,
0.2545

Harmonies

Analogous

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



35.0874, 0.4000, 0.3809



35.0874, 0.3752, 0.4056



35.0874, 0.3344, 0.4097

Triad

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



35.0874, 0.3752, 0.4056



35.0874, 0.2324, 0.3017



35.0874, 0.3317, 0.2797

Complementary

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



35.0874, 0.3752, 0.4056



19.5662, 0.2474, 0.2382

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.



35.0874, 0.2862, 0.2605



35.0874, 0.3752, 0.4056



35.0874, 0.2317, 0.2703

Square

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



35.0874, 0.3752, 0.4056



35.0874, 0.2528, 0.3453



35.0874, 0.2505, 0.2566



35.0874, 0.3746, 0.3100

Rectangle

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



35.0874, 0.3752, 0.4056



35.0874, 0.3043, 0.3974



35.0874, 0.2505, 0.2566



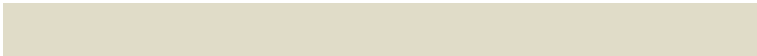
35.0874, 0.3161, 0.2718

Sweetspot

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



35.0890, 0.3752, 0.4056



71.0139, 0.3297, 0.3509



20.7538, 0.3858, 0.3093



15.3400, 0.3317, 0.3535



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.



35.0890, 0.3752, 0.4056



60.5199, 0.3903, 0.4222



37.7409, 0.3494, 0.4285



9.0583, 0.3267, 0.3471



20.1611, 0.4583, 0.4743



0.6283, 0.4445, 0.4852

Inverse Universe

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



19.5662, 0.2474, 0.2382



28.6776, 0.2308, 0.2134



18.0210, 0.2643, 0.2213



8.0030, 0.2986, 0.3102



3.1258, 0.1559, 0.0813



0.1597, 0.1706, 0.1341

Previews

White Background



This preview shows how the Yxy color 35.0874, 0.3752, 0.4056 looks on a white background.

Color Contrast Check

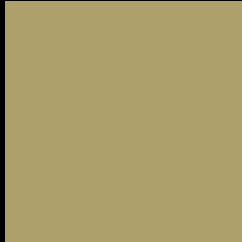
Large Text (above 18pt) WCAG AA × Fail

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 35.0874, 0.3752, 0.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

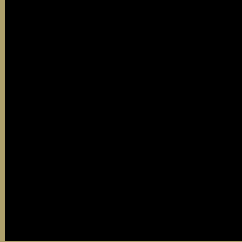
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0874, 0.3752, 0.4056

Background



This preview shows how black text looks on a background with the Yxy color 35.0874, 0.3752, 0.4056.



This preview shows how white text looks on a background with the Yxy color 35.0874, 0.3752, 0.4056.

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

35.0874, 0.3752, 0.4056

Protanopia

35.0874, 0.3752, 0.4056

Deuteranopia

34.9415, 0.3972, 0.3901



Tritanopia

35.0828, 0.3275, 0.3124

Trichromacy



Original Color

35.0874, 0.3752, 0.4056

Protanomaly

35.0874, 0.3752, 0.4056

Deuteranomaly

35.0500, 0.3880, 0.3958

Tritanomaly

35.1377, 0.3453, 0.3461

Monochromacy



Original Color

35.0874, 0.3752, 0.4056

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.4469, 0.3351, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0874, 0.3752, 0.4056 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, 160, 107)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 160, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 160, 107) }
```

Border

The CSS property to change the border of an element to Yxy 35.0874, 0.3752, 0.4056 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, 160, 107) }
```

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

```
.border{ border-color:rgb(173, 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(173, 160, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 160, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 160, 107); box-shadow:4px 4px 4px 4px rgb(173, 160, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0874, 0.3752, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 160, 107) }
```

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

```
.background{ background-color: rgb(173,  
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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