

Converting Colors

$Yxy(37.2434, 0.3486, 0.3727)$

Have a look what the booklet for
Yxy(37.2434, 0.3486, 0.3727)
contains.

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Color

Yxy(37.1564, 0.3486, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	ADA486
RGB	173, 164, 134
RGB Percent	68%, 64%, 53%
CMY	0.3216, 0.3568, 0.4745
CMYK	0.00, 0.05, 0.23, 0.32
HSL	46°, 19%, 60%
HSV	46°, 23%, 68%
XYZ	34.8098, 37.1564, 27.8898
YIQ	163.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

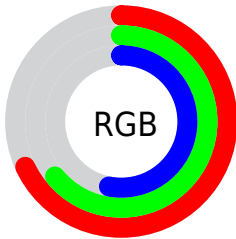
Format	Color
RYB	146, 173, 134
Decimal	11379846
CIELab	67.39, -1.73, 16.77
CIELCh	67, 16.856, 95.877
Yxy	37.1564, 0.3486, 0.3721
Android (android.graphics.Color)	4289569926 (0xFFADA486)
YUV	163.2710, -14.4306, 8.5323
Hunter-Lab	60.9560, -4.7382, 15.5417

Details

The Yxy color **37.1564, 0.3486, 0.3721** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.7223, 0.2764, 0.2818**, and the grayscale version is **36.8248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9089, 0.3421, 0.3642**, and **16.2215, 0.3598, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **35.3105, 0.3662, 0.3918**, and if you desaturate by 10%, it is **39.1293, 0.3320, 0.3526**.

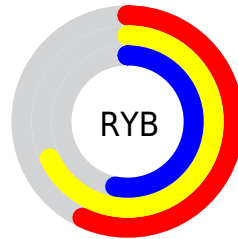
Distribution



Red (68%)

Green (64%)

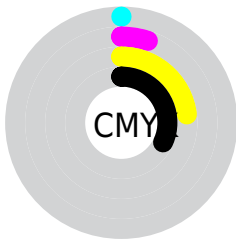
Blue (53%)



Red (57%)

Yellow (68%)

Blue (53%)

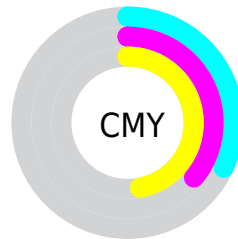


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (32%)



Cyan (32%)


Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1564, 0.3486, 0.3721 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 37.1564, 0.3486, 0.3721 by changing the saturation by 10% instead.


 37.1564, 0.3486,
0.3721


 37.1564, 0.3486,
0.3721


333.9872, 0.3301,
0.3497

 25.3286, 0.3534,
0.3780


 70.8133, 0.3417,
0.3638

 16.3220, 0.3596,
0.3856


 93.4111, 0.3392,
0.3607

 9.7523, 0.3680,
0.3961


 120.3678, 0.3371,
0.3581

 5.2351, 0.3799,
0.4110

152.0677, 0.3353,
0.3559

 2.3858, 0.3978,
0.4340

188.8952, 0.3337,
0.3540

 0.8186, 0.4734,
0.5266

231.2346, 0.3323,

 0.0000, 0.0000,

0.3524

0.0000

279.4705, 0.3311,
0.3510

■ 37.1564, 0.3486,
0.3721

■ 37.1564, 0.3486,
0.3721

■ 35.3105, 0.3662,
0.3918

■ 39.1293, 0.3320,
0.3526

■ 33.5823, 0.3842,
0.4110

■ 41.2281, 0.3165,
0.3337

■ 31.9689, 0.4023,
0.4288

■ 43.4583, 0.3022,
0.3157

■ 30.4654, 0.4197,
0.4442

■ 45.8234, 0.2893,
0.2989

■ 29.0662, 0.4355,
0.4563

■ 48.3267, 0.2776,
0.2834

■ 27.7652, 0.4491,
0.4642

■ 50.9716, 0.2670,
0.2690

■ 26.5549, 0.4599,
0.4675

■ 53.7555, 0.2577,
0.2560

■ 25.6995, 0.4666,
0.4677

■ 55.5274, 0.2582,
0.2608

■ 57.3470, 0.2588,
0.2655

Harmonies

Analogous

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



37.1564, 0.3617, 0.3595



37.1564, 0.3486, 0.3721



37.1564, 0.3260, 0.3729

Triad

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



37.1564, 0.3486, 0.3721



37.1564, 0.2665, 0.3149



37.1564, 0.3236, 0.3002

Complementary

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



37.1564, 0.3486, 0.3721



27.7223, 0.2764, 0.2818

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.



37.1564, 0.2979, 0.2890



37.1564, 0.3486, 0.3721



37.1564, 0.2658, 0.2964

Square

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



37.1564, 0.3486, 0.3721



37.1564, 0.2790, 0.3387



37.1564, 0.2771, 0.2873



37.1564, 0.3471, 0.3185

Rectangle

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



37.1564, 0.3486, 0.3721



37.1564, 0.3090, 0.3661



37.1564, 0.2771, 0.2873



37.1564, 0.3149, 0.2955

Sweetspot

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



37.1581, 0.3486, 0.3721



72.0977, 0.3234, 0.3422



27.9182, 0.3474, 0.3157



15.6222, 0.3243, 0.3433



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.



37.1581, 0.3486, 0.3721



64.8994, 0.3572, 0.3818



39.3469, 0.3361, 0.3859



9.0127, 0.3268, 0.3464



18.9725, 0.4660, 0.4682



0.6034, 0.4493, 0.4814

Inverse Universe

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



27.7223, 0.2764, 0.2818



45.0231, 0.2677, 0.2699



26.0308, 0.2856, 0.2690



8.0454, 0.2986, 0.3110



3.3979, 0.1576, 0.0873



0.1764, 0.1735, 0.1447

Previews

White Background



This preview shows how the Yxy color 37.1564, 0.3486, 0.3721 looks on a white background.

Color Contrast Check

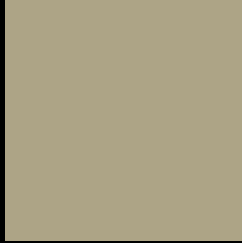
Large Text (above 18pt) WCAG AA × Fail

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 37.1564, 0.3486, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

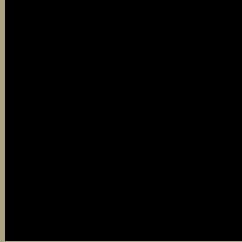
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1564, 0.3486, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 37.1564, 0.3486, 0.3721.



This preview shows how white text looks on a background with the Yxy color 37.1564, 0.3486, 0.3721.

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

37.1564, 0.3486, 0.3721

Protanopia

37.2708, 0.3496, 0.3719

Deuteranopia

37.1501, 0.3670, 0.3604



Tritanopia

37.2015, 0.3202, 0.3126

Trichromacy



Original Color

37.1564, 0.3486, 0.3721

Protanomaly

37.2708, 0.3496, 0.3719

Deuteranomaly

37.0812, 0.3601, 0.3638

Tritanomaly

37.1885, 0.3300, 0.3332

Monochromacy



Original Color

37.1564, 0.3486, 0.3721

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6769, 0.3263, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1564, 0.3486, 0.3721 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, 164, 134)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 134)  
}
```

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, 164, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 134) }
```

Border

The CSS property to change the border of an element to Yxy 37.1564, 0.3486, 0.3721 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, 164, 134) }
```

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

```
.border{ border-color:rgb(173, 164, 134) }
```

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

Here you see how a box with a 4 pixel rgb(173, 164, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 134);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1564, 0.3486, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 134) }
```

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

```
.background{ background-color: rgb(173,  
164, 134) }
```

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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