

Converting Colors

$Yxy(37.5497, 0.3268, 0.3410)$

Have a look what the booklet for
Yxy(37.5497, 0.3268, 0.3410)
contains.

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Color

Yxy(37.5754, 0.3274, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	ABA49B
RGB	171, 164, 155
RGB Percent	67%, 64%, 61%
CMY	0.3293, 0.3569, 0.3922
CMYK	0.00, 0.04, 0.09, 0.33
HSL	34°, 9%, 64%
HSV	34°, 9%, 67%
XYZ	35.9924, 37.5754, 36.3661
YIQ	165.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

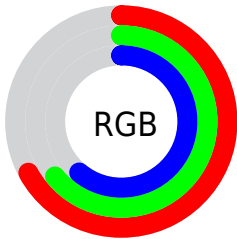
Format	Color
RYB	167, 171, 155
Decimal	11248795
CIELab	67.71, 0.93, 5.56
CIELCh	68, 5.636, 80.461
Yxy	37.5754, 0.3274, 0.3418
Android (android.graphics.Color)	4289438875 (0xFFABA49B)
YUV	165.0670, -4.9630, 5.2032
Hunter-Lab	61.2988, -2.4643, 7.7347

Details

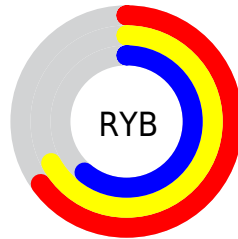
The Yxy color **37.5754, 0.3274, 0.3418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7672, 0.2985, 0.3159**, and the grayscale version is **37.6853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4352, 0.3245, 0.3399**, and **16.5098, 0.3323, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **34.4322, 0.3450, 0.3562**, and if you desaturate by 10%, it is **40.9622, 0.3118, 0.3282**.

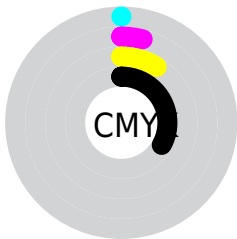
Distribution



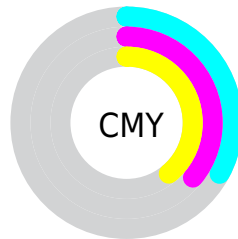
- Red (67%)
- Green (64%)
- Blue (61%)



- Red (65%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5754, 0.3274, 0.3418 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 37.5754, 0.3274, 0.3418 by changing the saturation by 10% instead.


 37.5754, 0.3274,
0.3418


 37.5754, 0.3274,
0.3418


335.7950, 0.3198,
0.3352

 25.6533, 0.3294,
0.3435


 71.4569, 0.3246,
0.3393

 16.5645, 0.3320,
0.3458


 94.1850, 0.3235,
0.3384

 9.9245, 0.3356,
0.3489


121.2840, 0.3226,
0.3377

 5.3489, 0.3409,
0.3534

153.1382, 0.3219,
0.3370

 2.4534, 0.3493,
0.3605

190.1320, 0.3213,
0.3365

 0.8532, 0.3743,
0.3831

232.6498, 0.3207,

 0.0000, 0.0000,

0.3360

0.0000

281.0760, 0.3202,
0.3356

■ 37.5754, 0.3274,
0.3418

■ 37.5754, 0.3274,
0.3418

■ 34.4322, 0.3450,
0.3562

■ 40.9622, 0.3118,
0.3282

■ 31.5215, 0.3646,
0.3709

■ 44.5935, 0.2980,
0.3154

■ 28.8386, 0.3862,
0.3857

■ 48.4766, 0.2859,
0.3036

■ 26.3766, 0.4095,
0.3997

■ 52.6169, 0.2753,
0.2927

■ 24.1284, 0.4338,
0.4120

■ 57.0196, 0.2659,
0.2827

■ 22.0860, 0.4584,
0.4215

■ 61.5196, 0.2590,
0.2763

■ 20.2409, 0.4819,
0.4271

■ 65.2957, 0.2602,
0.2852

■ 18.5836, 0.5029,
0.4277

■ 69.2481, 0.2613,
0.2940

■ 17.0979, 0.5211,
0.4238

■ 73.3790, 0.2624,
0.3027

Harmonies

Analogous

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



37.5754, 0.3294, 0.3364



37.5754, 0.3274, 0.3418



37.5754, 0.3215, 0.3438

Triad

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



37.5754, 0.3274, 0.3418



37.5754, 0.2988, 0.3286



37.5754, 0.3120, 0.3167

Complementary

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



37.5754, 0.3274, 0.3418



35.7672, 0.2985, 0.3159

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.



37.5754, 0.3039, 0.3146



37.5754, 0.3274, 0.3418



37.5754, 0.2963, 0.3213

Square

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



37.5754, 0.3274, 0.3418



37.5754, 0.3049, 0.3361



37.5754, 0.2982, 0.3162



37.5754, 0.3205, 0.3220

Rectangle

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



37.5754, 0.3274, 0.3418



37.5754, 0.3161, 0.3429



37.5754, 0.2982, 0.3162



37.5754, 0.3092, 0.3156

Sweetspot

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



37.5770, 0.3274, 0.3418



71.0468, 0.3173, 0.3331



34.7216, 0.3219, 0.3188



15.7357, 0.3185, 0.3342



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.



37.5770, 0.3274, 0.3418



66.2106, 0.3304, 0.3444



40.0789, 0.3256, 0.3516



8.7322, 0.3273, 0.3417



12.9231, 0.5210, 0.4245



0.4661, 0.4827, 0.4550

Inverse Universe

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



35.7672, 0.2985, 0.3159



62.3897, 0.2957, 0.3131



33.4331, 0.2992, 0.3055



8.3145, 0.2986, 0.3160



6.1237, 0.1725, 0.1409



0.2805, 0.1893, 0.2015

Previews

White Background



This preview shows how the Yxy color 37.5754, 0.3274, 0.3418 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 37.5754, 0.3274, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

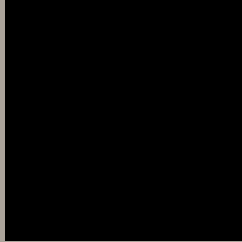
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

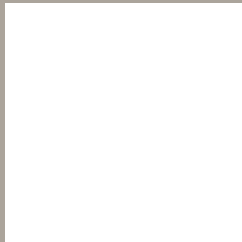
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.5754, 0.3274, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 37.5754, 0.3274, 0.3418.

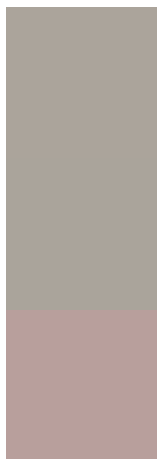


This preview shows how white text looks on a background with the Yxy color 37.5754, 0.3274, 0.3418.

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

37.5754, 0.3274, 0.3418

Protanopia

37.4635, 0.3264, 0.3419

Deuteranopia

37.3869, 0.3401, 0.3332



Tritanopia

37.5444, 0.3136, 0.3111

Trichromacy



Original Color

37.5754, 0.3274, 0.3418

Protanomaly

37.4635, 0.3264, 0.3419

Deuteranomaly

37.4737, 0.3348, 0.3360

Tritanomaly

37.5149, 0.3187, 0.3221

Monochromacy



Original Color

37.5754, 0.3274, 0.3418

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.6990, 0.3181, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5754, 0.3274, 0.3418 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, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 155)  
}
```

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, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.5754, 0.3274, 0.3418 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, 164, 155) }
```

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

```
.border{ border-color:rgb(171, 164, 155) }
```

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

Here you see how a box with a 4 pixel rgb(171, 164, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5754, 0.3274, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 155) }
```

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

```
.background{ background-color: rgb(171,  
164, 155) }
```

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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