

Converting Colors

$Yxy(33.5470, 0.3443, 0.3613)$

Have a look what the booklet for
Yxy(33.5470, 0.3443, 0.3613)
contains.

Yxy(33.7137, 0.3447, 0.3617)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.7137, 0.3447, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	A79C86
RGB	167, 156, 134
RGB Percent	65%, 61%, 53%
CMY	0.3451, 0.3882, 0.4745
CMYK	0.00, 0.07, 0.20, 0.35
HSL	40°, 16%, 59%
HSV	40°, 20%, 65%
XYZ	32.1291, 33.7137, 27.3662
YIQ	156.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

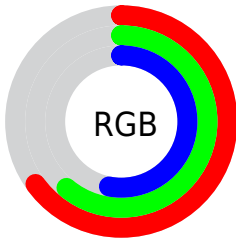
Format	Color
RYB	151, 167, 134
Decimal	10984582
CIELab	64.73, 0.31, 12.98
CIELCh	65, 12.985, 88.639
Yxy	33.7137, 0.3447, 0.3617
Android (android.graphics.Color)	4289174662 (0xFFA79C86)
YUV	156.7810, -11.2310, 8.9621
Hunter-Lab	58.0635, -2.8390, 12.7002

Details

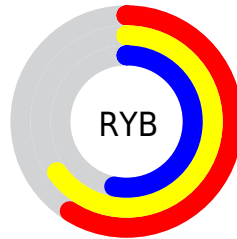
The Yxy color **33.7137, 0.3447, 0.3617** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1105, 0.2817, 0.2940**, and the grayscale version is **33.6613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2106, 0.3383, 0.3550**, and **14.3881, 0.3559, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **31.4590, 0.3631, 0.3790**, and if you desaturate by 10%, it is **36.1308, 0.3278, 0.3448**.

Distribution



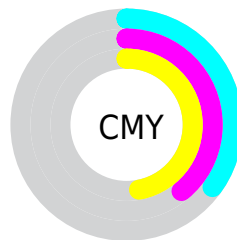
- Red (65%)
- Green (61%)
- Blue (53%)



- Red (59%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (35%)





- Cyan (35%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7137, 0.3447, 0.3617 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 33.7137, 0.3447, 0.3617 by changing the saturation by 10% instead.


 33.7137, 0.3447,
0.3617


 33.7137, 0.3447,
0.3617


318.8536, 0.3279,
0.3445


 22.6737, 0.3492,
0.3663


 65.4882, 0.3384,
0.3552

 14.3528, 0.3551,
0.3723


 86.9915, 0.3361,
0.3529

 8.3664, 0.3633,
0.3807


 112.7515, 0.3341,
0.3509

 4.3303, 0.3754,
0.3929

143.1523, 0.3325,
0.3492

 1.8600, 0.3948,
0.4125

178.5786, 0.3311,
0.3478

 0.5242, 0.4911,
0.5089

219.4146, 0.3299,

 0.0000, 0.0000,

0.3466

0.0000

266.0448, 0.3288,
0.3455

■ 33.7137, 0.3447,
0.3617

■ 33.7137, 0.3447,
0.3617

■ 31.4590, 0.3631,
0.3790

■ 36.1308, 0.3278,
0.3448

■ 29.3575, 0.3828,
0.3961

■ 38.7099, 0.3124,
0.3286

■ 27.4058, 0.4034,
0.4124

■ 41.4569, 0.2985,
0.3134

■ 25.5987, 0.4242,
0.4268

■ 44.3755, 0.2862,
0.2993

■ 23.9305, 0.4443,
0.4382

■ 47.4696, 0.2752,
0.2862

■ 22.3948, 0.4629,
0.4457

■ 50.7428, 0.2654,
0.2742

■ 20.9844, 0.4788,
0.4485

■ 54.1986, 0.2567,
0.2632

■ 19.6849, 0.4923,
0.4471

■ 57.0018, 0.2553,
0.2657

■ 19.6557, 0.4926,
0.4471

■ 59.6380, 0.2562,
0.2725

Harmonies

Analogous

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



33.7137, 0.3526, 0.3502



33.7137, 0.3447, 0.3617



33.7137, 0.3282, 0.3646

Triad

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



33.7137, 0.3447, 0.3617



33.7137, 0.2773, 0.3224



33.7137, 0.3165, 0.3031

Complementary

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



33.7137, 0.3447, 0.3617



28.1105, 0.2817, 0.2940

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.



33.7137, 0.2965, 0.2958



33.7137, 0.3447, 0.3617



33.7137, 0.2744, 0.3061

Square

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



33.7137, 0.3447, 0.3617



33.7137, 0.2895, 0.3413



33.7137, 0.2812, 0.2967



33.7137, 0.3360, 0.3168

Rectangle

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



33.7137, 0.3447, 0.3617



33.7137, 0.3148, 0.3607



33.7137, 0.2812, 0.2967



33.7137, 0.3096, 0.2998

Sweetspot

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



33.7152, 0.3447, 0.3617



66.3548, 0.3219, 0.3388



27.3269, 0.3378, 0.3117



14.7857, 0.3229, 0.3398



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.7152, 0.3447, 0.3617



58.4533, 0.3531, 0.3698



37.0498, 0.3369, 0.3779



8.3460, 0.3270, 0.3440



15.1315, 0.4917, 0.4478



0.4563, 0.4627, 0.4708

Inverse Universe

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



28.1105, 0.2817, 0.2940



46.4542, 0.2738, 0.2846



25.3238, 0.2856, 0.2766



7.6941, 0.2986, 0.3135



4.3582, 0.1642, 0.1109



0.1996, 0.1832, 0.1795

Previews

White Background



This preview shows how the Yxy color 33.7137, 0.3447, 0.3617 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 33.7137, 0.3447, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

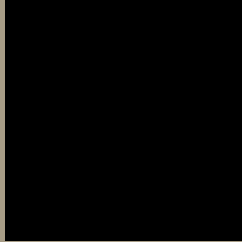
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

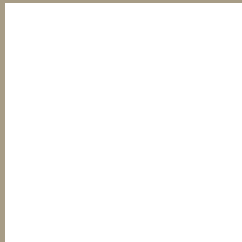
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.7137, 0.3447, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 33.7137, 0.3447, 0.3617.

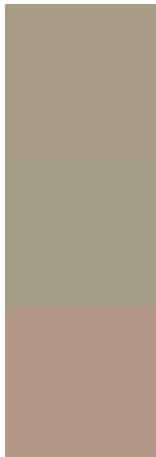


This preview shows how white text looks on a background with the Yxy color 33.7137, 0.3447, 0.3617.

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

33.7137, 0.3447, 0.3617

Protanopia

33.8345, 0.3423, 0.3634

Deuteranopia

33.5858, 0.3590, 0.3519



Tritanopia

33.7947, 0.3205, 0.3120

Trichromacy



Original Color

33.7137, 0.3447, 0.3617

Protanomaly

33.9422, 0.3434, 0.3632

Deuteranomaly

33.6457, 0.3530, 0.3551

Tritanomaly

33.6284, 0.3299, 0.3291

Monochromacy



Original Color

33.7137, 0.3447, 0.3617

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8609, 0.3240, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7137, 0.3447, 0.3617 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(167, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 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(167, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 134) }
```

Border

The CSS property to change the border of an element to Yxy 33.7137, 0.3447, 0.3617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

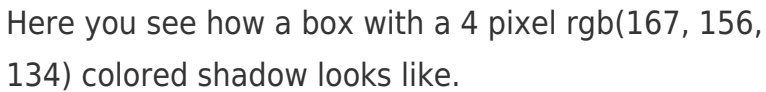
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 156, 134) }
```

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

```
.border{ border-color:rgb(167, 156, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 156, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7137, 0.3447, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 134) }
```

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

```
.background{ background-color: rgb(167,  
156, 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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