

Converting Colors

$Yxy(33.7983, 0.3498, 0.3532)$

Have a look what the booklet for
Yxy(33.7983, 0.3498, 0.3532)
contains.

Yxy(33.9160, 0.3496, 0.3537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.9160, 0.3496, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	AE9A89
RGB	174, 154, 137
RGB Percent	68%, 60%, 54%
CMY	0.3177, 0.3960, 0.4627
CMYK	0.00, 0.11, 0.21, 0.32
HSL	28°, 19%, 61%
HSV	28°, 21%, 68%
XYZ	33.5229, 33.9160, 28.4503
YIQ	158.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

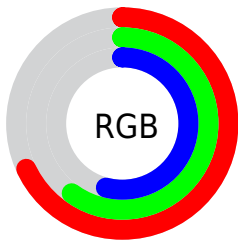
Format	Color
RYB	174, 168, 137
Decimal	11442825
CIELab	64.90, 4.58, 11.61
CIElCh	65, 12.484, 68.483
Yxy	33.9160, 0.3496, 0.3537
Android (android.graphics.Color)	4289632905 (0xFFAE9A89)
YUV	158.0420, -10.3737, 13.9952
Hunter-Lab	58.2374, 0.8333, 11.8017

Details

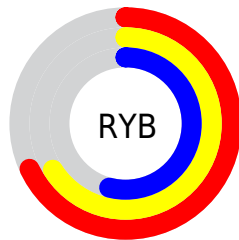
The Yxy color **33.9160, 0.3496, 0.3537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4794, 0.2799, 0.3030**, and the grayscale version is **34.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6525, 0.3428, 0.3490**, and **14.4536, 0.3618, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **30.4763, 0.3709, 0.3660**, and if you desaturate by 10%, it is **37.6820, 0.3309, 0.3417**.

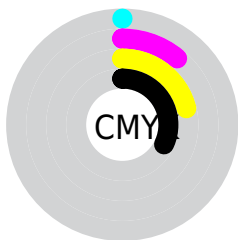
Distribution



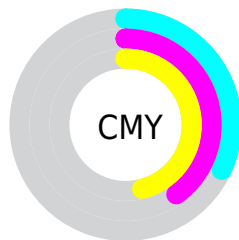
- Red (68%)
- Green (60%)
- Blue (54%)



- Red (68%)
- Yellow (66%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (32%)





- Cyan (32%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9160, 0.3496, 0.3537 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 33.9160, 0.3496, 0.3537 by changing the saturation by 10% instead.

 33.9160, 0.3496,
0.3537


 33.9160, 0.3496,
0.3537


319.7573, 0.3301,
0.3409


 22.8291, 0.3548,
0.3570


 65.8030, 0.3422,
0.3489

 14.4673, 0.3618,
0.3614


 87.3719, 0.3396,
0.3472

 8.4464, 0.3714,
0.3673


 113.2036, 0.3373,
0.3457

 4.3819, 0.3857,
0.3758

143.6824, 0.3354,
0.3445

 1.8894, 0.4089,
0.3887

179.1928, 0.3338,
0.3434

 0.5420, 0.5363,
0.4637

220.1192, 0.3324,

 0.0000, 0.0000,

0.3425

0.0000

266.8459, 0.3312,
0.3416

■ 33.9160, 0.3496,
0.3537

■ 33.9160, 0.3496,
0.3537

■ 30.4763, 0.3709,
0.3660

■ 37.6820, 0.3309,
0.3417

■ 27.3491, 0.3949,
0.3783

■ 41.7788, 0.3146,
0.3304

■ 24.5259, 0.4214,
0.3897

■ 46.2164, 0.3005,
0.3198

■ 21.9962, 0.4497,
0.3993

■ 51.0030, 0.2882,
0.3100

■ 19.7488, 0.4788,
0.4060

■ 56.1465, 0.2776,
0.3010

■ 17.7713, 0.5069,
0.4085

■ 61.6546, 0.2684,
0.2927

■ 16.0503, 0.5322,
0.4059

■ 67.2878, 0.2623,
0.2892

■ 14.7358, 0.5517,
0.4001

■ 72.3528, 0.2636,
0.3000

■ 77.6993, 0.2649,
0.3107

Harmonies

Analogous

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



33.9160, 0.3501, 0.3390



33.9160, 0.3496, 0.3537



33.9160, 0.3389, 0.3623

Triad

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



33.9160, 0.3496, 0.3537



33.9160, 0.2857, 0.3349



33.9160, 0.3032, 0.2985

Complementary

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



33.9160, 0.3496, 0.3537



32.4794, 0.2799, 0.3030

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.



33.9160, 0.2865, 0.2967



33.9160, 0.3496, 0.3537



33.9160, 0.2767, 0.3171

Square

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



33.9160, 0.3496, 0.3537



33.9160, 0.3019, 0.3517



33.9160, 0.2770, 0.3032



33.9160, 0.3228, 0.3079

Rectangle

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



33.9160, 0.3496, 0.3537



33.9160, 0.3277, 0.3631



33.9160, 0.2770, 0.3032



33.9160, 0.2970, 0.2970

Sweetspot

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



33.9175, 0.3496, 0.3537



72.1184, 0.3222, 0.3358



29.3363, 0.3323, 0.2998



15.9245, 0.3233, 0.3365



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.9175, 0.3496, 0.3537



58.8522, 0.3582, 0.3589



40.3555, 0.3446, 0.3785



8.5996, 0.3275, 0.3395



10.8075, 0.5499, 0.4015



0.4108, 0.5007, 0.4406

Inverse Universe

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



32.4794, 0.2799, 0.3030



55.8183, 0.2733, 0.2971



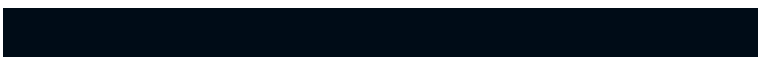
26.7989, 0.2780, 0.2742



8.4468, 0.2986, 0.3183



8.1389, 0.1816, 0.1739



0.3343, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 33.9160, 0.3496, 0.3537 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 33.9160, 0.3496, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

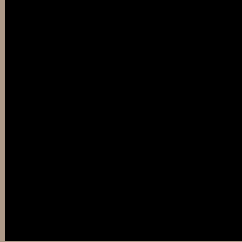
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9160, 0.3496, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 33.9160, 0.3496, 0.3537.



This preview shows how white text looks on a background with the Yxy color 33.9160, 0.3496, 0.3537.

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

33.9160, 0.3496, 0.3537

Protanopia

33.9774, 0.3375, 0.3558

Deuteranopia

33.9659, 0.3566, 0.3504



Tritanopia

33.7684, 0.3288, 0.3122

Trichromacy



Original Color

33.9160, 0.3496, 0.3537

Protanomaly

33.9367, 0.3418, 0.3556

Deuteranomaly

34.0536, 0.3542, 0.3520

Tritanomaly

33.6632, 0.3365, 0.3262

Monochromacy



Original Color

33.9160, 0.3496, 0.3537

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2085, 0.3261, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9160, 0.3496, 0.3537 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(174, 154, 137)` looks like.

```
.text, #text, p{  
    color:rgb(174, 154, 137)  
}
```

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(174, 154, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 154, 137) }
```

Border

The CSS property to change the border of an element to Yxy 33.9160, 0.3496, 0.3537 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(174, 154, 137) }
```

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

```
.border{ border-color:rgb(174, 154, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 154, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 154, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 154, 137);  
box-shadow:4px 4px 4px 4px rgb(174, 154,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9160, 0.3496, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 154, 137) }
```

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

```
.background{ background-color: rgb(174,  
154, 137) }
```

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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