

Converting Colors

Yxy(33.9867, 0.3483, 0.3568)

Have a look what the booklet for
Yxy(33.9867, 0.3483, 0.3568)
contains.

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Color

Yxy(33.9909, 0.3482, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	AC9B88
RGB	172, 155, 136
RGB Percent	67%, 61%, 53%
CMY	0.3256, 0.3921, 0.4667
CMYK	0.00, 0.10, 0.21, 0.33
HSL	32°, 18%, 60%
HSV	32°, 21%, 67%
XYZ	33.1716, 33.9909, 28.1035
YIQ	157.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

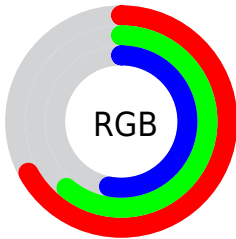
Format	Color
RYB	168, 172, 136
Decimal	11312008
CIELab	64.96, 3.08, 12.24
CIELCh	65, 12.621, 75.855
Yxy	33.9909, 0.3482, 0.3568
Android (android.graphics.Color)	4289502088 (0xFFAC9B88)
YUV	157.9170, -10.8051, 12.3508
Hunter-Lab	58.3017, -0.4678, 12.2314

Details

The Yxy color **33.9909, 0.3482, 0.3568** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9731, 0.2802, 0.2995**, and the grayscale version is **34.1955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7690, 0.3417, 0.3513**, and **14.4945, 0.3597, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **30.9352, 0.3685, 0.3708**, and if you desaturate by 10%, it is **37.3091, 0.3301, 0.3431**.

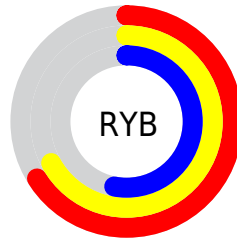
Distribution



Red (67%)

Green (61%)

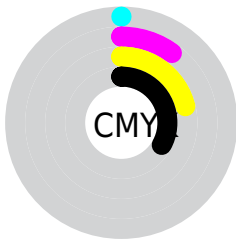
Blue (53%)



Red (66%)

Yellow (67%)

Blue (53%)

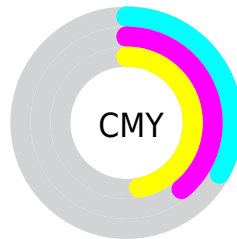


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (33%)



Cyan (33%)


Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9909, 0.3482, 0.3568 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 33.9909, 0.3482, 0.3568 by changing the saturation by 10% instead.


 33.9909, 0.3482,
0.3568


 33.9909, 0.3482,
0.3568


320.0915, 0.3295,
0.3423


 22.8866, 0.3532,
0.3606


 65.9195, 0.3411,
0.3514

 14.5098, 0.3599,
0.3656


 87.5126, 0.3386,
0.3494

 8.4761, 0.3691,
0.3724

 113.3708, 0.3364,
0.3478

 4.4011, 0.3827,
0.3822

143.8784, 0.3346,
0.3463

 1.9003, 0.4045,
0.3974

179.4199, 0.3331,
0.3451

 0.5486, 0.5210,
0.4790

220.3797, 0.3317,

 0.0000, 0.0000,

0.3441

0.0000

267.1421, 0.3305,
0.3431

■ 33.9909, 0.3482,
0.3568

■ 33.9909, 0.3482,
0.3568

■ 30.9352, 0.3685,
0.3708

■ 37.3091, 0.3301,
0.3431

■ 28.1300, 0.3910,
0.3848

■ 40.8919, 0.3141,
0.3301

■ 25.5693, 0.4154,
0.3979

■ 44.7477, 0.3000,
0.3180

■ 23.2448, 0.4411,
0.4091

■ 48.8826, 0.2877,
0.3067

■ 21.1479, 0.4670,
0.4175

■ 53.3029, 0.2770,
0.2963

■ 19.2688, 0.4917,
0.4216

■ 58.0143, 0.2675,
0.2868

■ 17.5968, 0.5138,
0.4207

■ 62.9342, 0.2600,
0.2795

■ 16.2405, 0.5315,
0.4162

■ 67.0794, 0.2612,
0.2891

■ 71.4306, 0.2623,
0.2985

Harmonies

Analogous

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



33.9909, 0.3514, 0.3431



33.9909, 0.3482, 0.3568



33.9909, 0.3353, 0.3635

Triad

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



33.9909, 0.3482, 0.3568



33.9909, 0.2824, 0.3304



33.9909, 0.3078, 0.2999

Complementary

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



33.9909, 0.3482, 0.3568



30.9731, 0.2802, 0.2995

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.



33.9909, 0.2899, 0.2961



33.9909, 0.3482, 0.3568



33.9909, 0.2755, 0.3130

Square

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



33.9909, 0.3482, 0.3568



33.9909, 0.2973, 0.3482



33.9909, 0.2782, 0.3006



33.9909, 0.3277, 0.3109

Rectangle

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



33.9909, 0.3482, 0.3568



33.9909, 0.3232, 0.3626



33.9909, 0.2782, 0.3006



33.9909, 0.3014, 0.2978

Sweetspot

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



33.9924, 0.3482, 0.3568



70.7839, 0.3221, 0.3368



28.6859, 0.3345, 0.3037



15.2953, 0.3231, 0.3376



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.



33.9924, 0.3482, 0.3568



59.1254, 0.3571, 0.3631



39.9656, 0.3430, 0.3801



8.6902, 0.3274, 0.3410



12.2024, 0.5301, 0.4173



0.4479, 0.4882, 0.4505

Inverse Universe

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



30.9731, 0.2802, 0.2995



52.6694, 0.2729, 0.2922



25.8687, 0.2790, 0.2724



8.3560, 0.2986, 0.3167



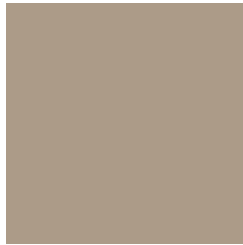
6.7068, 0.1753, 0.1510



0.2967, 0.1914, 0.2090

Previews

White Background



This preview shows how the Yxy color 33.9909, 0.3482, 0.3568 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 33.9909, 0.3482, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

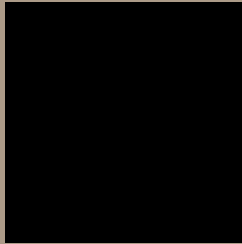
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9909, 0.3482, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 33.9909, 0.3482, 0.3568.



This preview shows how white text looks on a background with the Yxy color 33.9909, 0.3482, 0.3568.

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

33.9909, 0.3482, 0.3568

Protanopia

33.9194, 0.3395, 0.3588

Deuteranopia

33.9659, 0.3566, 0.3504



Tritanopia

33.8915, 0.3256, 0.3121

Trichromacy



Original Color

33.9909, 0.3482, 0.3568

Protanomaly

33.9079, 0.3428, 0.3571

Deuteranomaly

33.9357, 0.3531, 0.3520

Tritanomaly

33.7551, 0.3342, 0.3276

Monochromacy



Original Color

33.9909, 0.3482, 0.3568

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1025, 0.3251, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9909, 0.3482, 0.3568 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(172, 155, 136)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 136)  
}
```

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(172, 155, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 136) }
```

Border

The CSS property to change the border of an element to Yxy 33.9909, 0.3482, 0.3568 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(172, 155, 136) }
```

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

```
.border{ border-color:rgb(172, 155, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 136);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9909, 0.3482, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 136) }
```

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

```
.background{ background-color: rgb(172,  
155, 136) }
```

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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