

Converting Colors

$Yxy(33.9902, 0.3479, 0.3591)$

Have a look what the booklet for
Yxy(33.9902, 0.3479, 0.3591)
contains.

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Color

Yxy(33.8499, 0.3482, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	AB9B87
RGB	171, 155, 135
RGB Percent	67%, 61%, 53%
CMY	0.3293, 0.3922, 0.4705
CMYK	0.00, 0.09, 0.21, 0.33
HSL	33°, 18%, 60%
HSV	33°, 21%, 67%
XYZ	32.8957, 33.8499, 27.7280
YIQ	157.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

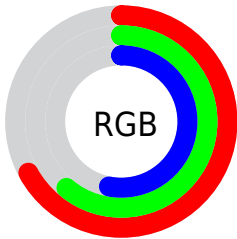
Format	Color
RYB	164, 171, 135
Decimal	11246471
CIELab	64.84, 2.59, 12.62
CIELCh	65, 12.878, 78.403
Yxy	33.8499, 0.3482, 0.3583
Android (android.graphics.Color)	4289436551 (0xFFAB9B87)
YUV	157.5040, -11.0945, 11.8360
Hunter-Lab	58.1807, -0.8911, 12.4698

Details

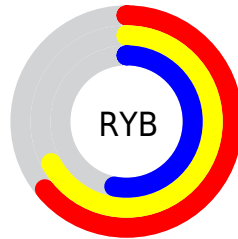
The Yxy color **33.8499, 0.3482, 0.3583** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2475, 0.2799, 0.2978**, and the grayscale version is **34.0045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5627, 0.3417, 0.3525**, and **14.4081, 0.3596, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **30.9512, 0.3682, 0.3730**, and if you desaturate by 10%, it is **36.9890, 0.3302, 0.3440**.

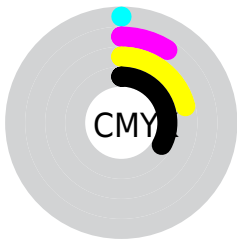
Distribution



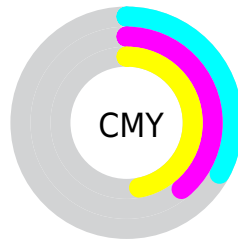
- Red (67%)
- Green (61%)
- Blue (53%)



- Red (64%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (33%)





- Cyan (33%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8499, 0.3482, 0.3583 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 33.8499, 0.3482, 0.3583 by changing the saturation by 10% instead.


 33.8499, 0.3482,
0.3583


 33.8499, 0.3482,
0.3583


319.4622, 0.3295,
0.3430

 22.7783, 0.3532,
0.3623


 65.7002, 0.3411,
0.3526

 14.4299, 0.3599,
0.3676


 87.2477, 0.3386,
0.3505

 8.4203, 0.3691,
0.3749


 113.0559, 0.3364,
0.3487

 4.3650, 0.3826,
0.3853

143.5093, 0.3346,
0.3472

 1.8798, 0.4045,
0.4017

178.9922, 0.3331,
0.3460

 0.5362, 0.5165,
0.4835

219.8891, 0.3317,

 0.0000, 0.0000,

0.3448

0.0000

266.5843, 0.3305,
0.3439

■ 33.8499, 0.3482,
0.3583

■ 33.8499, 0.3482,
0.3583

■ 30.9512, 0.3682,
0.3730

■ 36.9890, 0.3302,
0.3440

■ 28.2819, 0.3903,
0.3875

■ 40.3704, 0.3143,
0.3304

■ 25.8364, 0.4139,
0.4011

■ 44.0015, 0.3002,
0.3176

■ 23.6072, 0.4386,
0.4130

■ 47.8880, 0.2879,
0.3058

■ 21.5863, 0.4634,
0.4218

■ 52.0357, 0.2770,
0.2949

■ 19.7649, 0.4869,
0.4264

■ 56.4497, 0.2675,
0.2849

■ 18.1329, 0.5077,
0.4260

■ 61.1353, 0.2591,
0.2757

■ 16.8184, 0.5240,
0.4221

■ 64.9645, 0.2601,
0.2845

■ 68.9581, 0.2612,
0.2934

Harmonies

Analogous

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



33.8499, 0.3524, 0.3448



33.8499, 0.3482, 0.3583



33.8499, 0.3343, 0.3644

Triad

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



33.8499, 0.3482, 0.3583



33.8499, 0.2808, 0.3289



33.8499, 0.3095, 0.3000

Complementary

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



33.8499, 0.3482, 0.3583



30.2475, 0.2799, 0.2978

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.



33.8499, 0.2907, 0.2954



33.8499, 0.3482, 0.3583



33.8499, 0.2746, 0.3113

Square

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



33.8499, 0.3482, 0.3583



33.8499, 0.2954, 0.3472



33.8499, 0.2782, 0.2993



33.8499, 0.3296, 0.3117

Rectangle

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



33.8499, 0.3482, 0.3583



33.8499, 0.3217, 0.3629



33.8499, 0.2782, 0.2993



33.8499, 0.3028, 0.2976

Sweetspot

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



33.8514, 0.3482, 0.3583



69.1575, 0.3221, 0.3372



28.2368, 0.3359, 0.3053



15.3381, 0.3231, 0.3380



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.



33.8514, 0.3482, 0.3583



58.2710, 0.3567, 0.3647



39.3499, 0.3420, 0.3807



8.7240, 0.3273, 0.3416



12.7793, 0.5227, 0.4231



0.4625, 0.4837, 0.4541

Inverse Universe

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



30.2475, 0.2799, 0.2978



50.7174, 0.2727, 0.2904



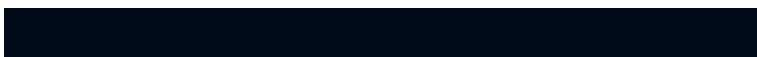
25.5779, 0.2799, 0.2722



8.3225, 0.2986, 0.3161



6.2332, 0.1730, 0.1429



0.2836, 0.1897, 0.2029

Previews

White Background



This preview shows how the Yxy color 33.8499, 0.3482, 0.3583 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 33.8499, 0.3482, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

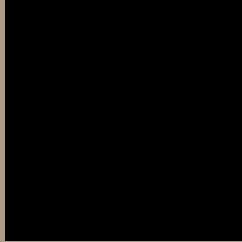
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

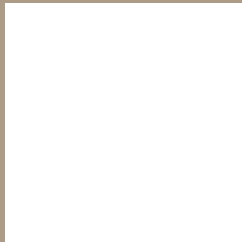
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.8499, 0.3482, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 33.8499, 0.3482, 0.3583.



This preview shows how white text looks on a background with the Yxy color 33.8499, 0.3482, 0.3583.

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

33.8499, 0.3482, 0.3583

Protanopia

33.8908, 0.3404, 0.3603

Deuteranopia

33.6141, 0.3579, 0.3504



Tritanopia

33.8915, 0.3256, 0.3121

Trichromacy



Original Color

33.8499, 0.3482, 0.3583

Protanomaly

33.7700, 0.3427, 0.3587

Deuteranomaly

33.5812, 0.3544, 0.3521

Tritanomaly

33.7551, 0.3342, 0.3276

Monochromacy



Original Color

33.8499, 0.3482, 0.3583

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 33.8499, 0.3482, 0.3583 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, 155, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 155, 135)  
}
```

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, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 135) }
```

Border

The CSS property to change the border of an element to Yxy 33.8499, 0.3482, 0.3583 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, 155, 135) }
```

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

```
.border{ border-color:rgb(171, 155, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8499, 0.3482, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 135) }
```

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

```
.background{ background-color: rgb(171,  
155, 135) }
```

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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