

Converting Colors

$Yxy(34.6791, 0.3478, 0.3632)$

Have a look what the booklet for
Yxy(34.6791, 0.3478, 0.3632)
contains.

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Color

Yxy(34.8329, 0.3483, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	AB9E86
RGB	171, 158, 134
RGB Percent	67%, 62%, 53%
CMY	0.3295, 0.3804, 0.4746
CMYK	0.00, 0.08, 0.22, 0.33
HSL	39°, 18%, 60%
HSV	39°, 22%, 67%
XYZ	33.3213, 34.8329, 27.5143
YIQ	159.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

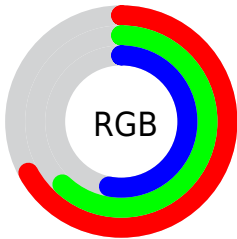
Format	Color
RYB	154, 171, 134
Decimal	11247238
CIELab	65.62, 0.76, 14.28
CIELCh	66, 14.298, 86.972
Yxy	34.8329, 0.3483, 0.3641
Android (android.graphics.Color)	4289437318 (0xFFAB9E86)
YUV	159.1510, -12.3994, 10.3916
Hunter-Lab	59.0194, -2.5059, 13.6732

Details

The Yxy color **34.8329, 0.3483, 0.3641** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8612, 0.2785, 0.2912**, and the grayscale version is **34.7957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5072, 0.3417, 0.3579**, and **15.0070, 0.3594, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **32.3992, 0.3673, 0.3810**, and if you desaturate by 10%, it is **37.4467, 0.3309, 0.3475**.

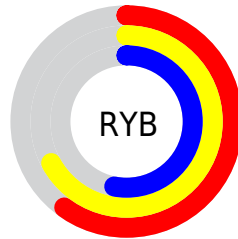
Distribution



Red (67%)

Green (62%)

Blue (53%)



Red (60%)

Yellow (67%)

Blue (53%)

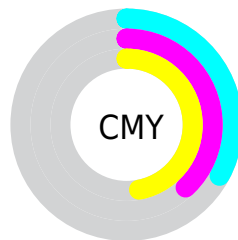


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8329, 0.3483, 0.3641 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 34.8329, 0.3483, 0.3641 by changing the saturation by 10% instead.


 34.8329, 0.3483,
0.3641


 34.8329, 0.3483,
0.3641


323.8301, 0.3297,
0.3458

 23.5342, 0.3532,
0.3689


 67.2268, 0.3413,
0.3573

 14.9884, 0.3597,
0.3753


 89.0908, 0.3388,
0.3547

 8.8113, 0.3687,
0.3839


 115.2454, 0.3366,
0.3526

 4.6183, 0.3816,
0.3965

146.0749, 0.3348,
0.3508

 2.0251, 0.4021,
0.4161

181.9637, 0.3332,
0.3493

 0.6220, 0.4950,
0.5050

223.2962, 0.3319,

 0.0000, 0.0000,

0.3480

0.0000

270.4569, 0.3307,
0.3468

■ 34.8329, 0.3483,
0.3641

■ 34.8329, 0.3483,
0.3641

■ 32.3992, 0.3673,
0.3810

■ 37.4467, 0.3309,
0.3475

■ 30.1357, 0.3875,
0.3977

■ 40.2408, 0.3151,
0.3315

■ 28.0387, 0.4087,
0.4134

■ 43.2212, 0.3010,
0.3165

■ 26.1023, 0.4300,
0.4269

■ 46.3925, 0.2884,
0.3025

■ 24.3200, 0.4507,
0.4374

■ 49.7587, 0.2772,
0.2896

■ 22.6848, 0.4696,
0.4437

■ 53.3240, 0.2672,
0.2777

■ 21.1884, 0.4857,
0.4451

■ 57.0922, 0.2584,
0.2668

■ 20.0310, 0.4974,
0.4432

■ 60.0093, 0.2585,
0.2726

■ 62.9514, 0.2594,
0.2798

Harmonies

Analogous

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



34.8329, 0.3563, 0.3510



34.8329, 0.3483, 0.3641



34.8329, 0.3307, 0.3679

Triad

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



34.8329, 0.3483, 0.3641



34.8329, 0.2747, 0.3229



34.8329, 0.3155, 0.3002

Complementary

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



34.8329, 0.3483, 0.3641



28.8612, 0.2785, 0.2912

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.



34.8329, 0.2939, 0.2927



34.8329, 0.3483, 0.3641



34.8329, 0.2709, 0.3049

Square

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



34.8329, 0.3483, 0.3641



34.8329, 0.2884, 0.3436



34.8329, 0.2778, 0.2942



34.8329, 0.3371, 0.3147

Rectangle

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



34.8329, 0.3483, 0.3641



34.8329, 0.3162, 0.3642



34.8329, 0.2778, 0.2942



34.8329, 0.3080, 0.2968

Sweetspot

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



34.8345, 0.3483, 0.3641



69.8062, 0.3220, 0.3385



27.8255, 0.3401, 0.3090



15.4970, 0.3230, 0.3395



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.



34.8345, 0.3483, 0.3641



60.2565, 0.3572, 0.3723



38.9545, 0.3399, 0.3827



8.8502, 0.3271, 0.3437



15.2043, 0.4964, 0.4440



0.5205, 0.4678, 0.4667

Inverse Universe

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



28.8612, 0.2785, 0.2912



47.6223, 0.2704, 0.2816



25.4666, 0.2819, 0.2709



8.1995, 0.2986, 0.3139



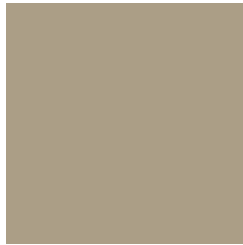
4.7409, 0.1654, 0.1152



0.2364, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 34.8329, 0.3483, 0.3641 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 34.8329, 0.3483, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

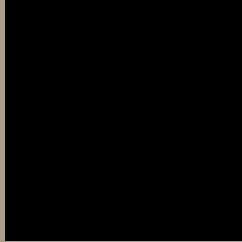
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8329, 0.3483, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 34.8329, 0.3483, 0.3641.

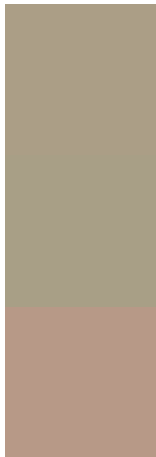


This preview shows how white text looks on a background with the Yxy color 34.8329, 0.3483, 0.3641.

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

34.8329, 0.3483, 0.3641

Protanopia

34.8423, 0.3449, 0.3658

Deuteranopia

34.5990, 0.3615, 0.3544



Tritanopia

34.9783, 0.3224, 0.3122

Trichromacy



Original Color

34.8329, 0.3483, 0.3641

Protanomaly

34.9525, 0.3459, 0.3657

Deuteranomaly

34.7757, 0.3566, 0.3575

Tritanomaly

34.7745, 0.3327, 0.3305

Monochromacy



Original Color

34.8329, 0.3483, 0.3641

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7848, 0.3248, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8329, 0.3483, 0.3641 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, 158, 134)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 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(171, 158, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.8329, 0.3483, 0.3641 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, 158, 134) }
```

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

```
.border{ border-color:rgb(171, 158, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 134);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8329, 0.3483, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 134) }
```

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

```
.background{ background-color: rgb(171,  
158, 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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