

Converting Colors

$Yxy(34.2481, 0.3506, 0.3673)$

Have a look what the booklet for
Yxy(34.2481, 0.3506, 0.3673)
contains.

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Color

Yxy(34.2987, 0.3504, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	AA9D83
RGB	170, 157, 131
RGB Percent	67%, 62%, 51%
CMY	0.3334, 0.3843, 0.4862
CMYK	0.00, 0.08, 0.23, 0.33
HSL	40°, 19%, 59%
HSV	40°, 23%, 67%
XYZ	32.7295, 34.2987, 26.3779
YIQ	157.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

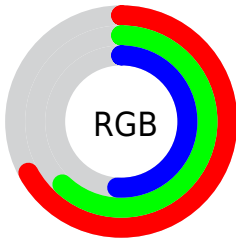
Format	Color
RYB	151, 170, 131
Decimal	11181443
CIELab	65.20, 0.46, 15.32
CIElCh	65, 15.327, 88.268
Yxy	34.2987, 0.3504, 0.3672
Android (android.graphics.Color)	4289371523 (0xFFAA9D83)
YUV	157.9230, -13.2730, 10.5915
Hunter-Lab	58.5651, -2.7330, 14.2912

Details

The Yxy color **34.2987, 0.3504, 0.3672** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.6756, 0.2763, 0.2876**, and the grayscale version is **34.2117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2180, 0.3435, 0.3593**, and **14.6992, 0.3612, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **32.0050, 0.3693, 0.3846**, and if you desaturate by 10%, it is **36.7599, 0.3329, 0.3501**.

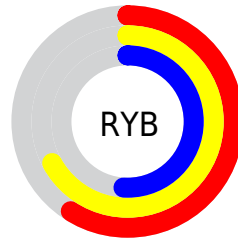
Distribution



Red (67%)

Green (62%)

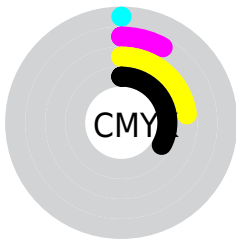
Blue (51%)



Red (59%)

Yellow (67%)

Blue (51%)

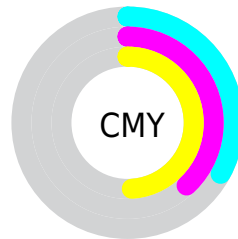


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2987, 0.3504, 0.3672 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 34.2987, 0.3504, 0.3672 by changing the saturation by 10% instead.


 34.2987, 0.3504,
0.3672

 34.2987, 0.3504,
0.3672


321.4619, 0.3306,
0.3472

 23.1232, 0.3556,
0.3725


 66.3979, 0.3430,
0.3597

 14.6845, 0.3625,
0.3794


 88.0904, 0.3403,
0.3570

 8.5982, 0.3720,
0.3889


 114.0572, 0.3380,
0.3547

 4.4801, 0.3858,
0.4027

144.6829, 0.3361,
0.3527

 1.9456, 0.4084,
0.4253

180.3519, 0.3344,
0.3511

 0.5756, 0.4924,
0.5076

221.4484, 0.3330,

 0.0000, 0.0000,

0.3496

0.0000

268.3570, 0.3317,
0.3483

■ 34.2987, 0.3504,
0.3672

■ 34.2987, 0.3504,
0.3672

■ 32.0050, 0.3693,
0.3846

■ 36.7599, 0.3329,
0.3501

■ 29.8692, 0.3894,
0.4015

■ 39.3885, 0.3171,
0.3336

■ 27.8877, 0.4101,
0.4173

■ 42.1905, 0.3027,
0.3181

■ 26.0550, 0.4308,
0.4309

■ 45.1699, 0.2899,
0.3036

■ 24.3647, 0.4505,
0.4412

■ 48.3309, 0.2785,
0.2901

■ 22.8101, 0.4683,
0.4472

■ 51.6772, 0.2683,
0.2778

■ 21.3831, 0.4832,
0.4484

■ 55.2124, 0.2592,
0.2665

■ 20.4380, 0.4926,
0.4471

■ 58.1422, 0.2574,
0.2681

■ 60.8526, 0.2583,
0.2749

Harmonies

Analogous

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



34.2987, 0.3596, 0.3534



34.2987, 0.3504, 0.3672



34.2987, 0.3311, 0.3709

Triad

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



34.2987, 0.3504, 0.3672



34.2987, 0.2714, 0.3214



34.2987, 0.3167, 0.2986

Complementary

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



34.2987, 0.3504, 0.3672



27.6756, 0.2763, 0.2876

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.



34.2987, 0.2933, 0.2902



34.2987, 0.3504, 0.3672



34.2987, 0.2679, 0.3023

Square

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



34.2987, 0.3504, 0.3672



34.2987, 0.2857, 0.3437



34.2987, 0.2757, 0.2912



34.2987, 0.3398, 0.3144

Rectangle

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



34.2987, 0.3504, 0.3672



34.2987, 0.3154, 0.3666



34.2987, 0.2757, 0.2912



34.2987, 0.3086, 0.2949

Sweetspot

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



34.3002, 0.3504, 0.3672



69.4379, 0.3236, 0.3405



26.7982, 0.3436, 0.3097



15.4240, 0.3245, 0.3414



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.



34.3002, 0.3504, 0.3672



60.3084, 0.3589, 0.3751



38.2195, 0.3402, 0.3861



8.3465, 0.3270, 0.3440



15.1438, 0.4916, 0.4479



0.4566, 0.4626, 0.4709

Inverse Universe

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



27.6756, 0.2763, 0.2876



46.3560, 0.2685, 0.2781



24.5044, 0.2812, 0.2673



7.6935, 0.2986, 0.3135



4.3527, 0.1641, 0.1108



0.1994, 0.1832, 0.1794

Previews

White Background



This preview shows how the Yxy color 34.2987, 0.3504, 0.3672 looks on a white background.

Color Contrast Check

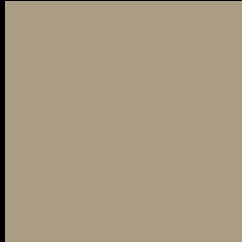
Large Text (above 18pt) WCAG AA × Fail

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 34.2987, 0.3504, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

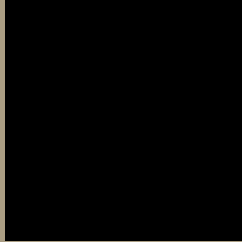
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

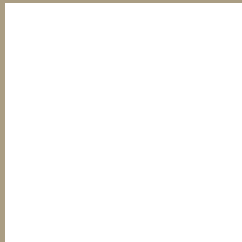
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2987, 0.3504, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 34.2987, 0.3504, 0.3672.



This preview shows how white text looks on a background with the Yxy color 34.2987, 0.3504, 0.3672.

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

34.2987, 0.3504, 0.3672

Protanopia

34.3079, 0.3470, 0.3691

Deuteranopia

34.1897, 0.3649, 0.3573



Tritanopia

34.1355, 0.3235, 0.3121

Trichromacy



Original Color

34.2987, 0.3504, 0.3672

Protanomaly

34.4172, 0.3481, 0.3689

Deuteranomaly

34.2421, 0.3589, 0.3606

Tritanomaly

34.2624, 0.3338, 0.3319

Monochromacy



Original Color

34.2987, 0.3504, 0.3672

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2732, 0.3258, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2987, 0.3504, 0.3672 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(170, 157, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 131)  
}
```

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(170, 157, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 131) }
```

Border

The CSS property to change the border of an element to Yxy 34.2987, 0.3504, 0.3672 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(170, 157, 131) }
```

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

```
.border{ border-color:rgb(170, 157, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2987, 0.3504, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 131) }
```

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

```
.background{ background-color: rgb(170,  
157, 131) }
```

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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