

Converting Colors

Yxy(34.9609, 0.3341, 0.3697)

Have a look what the booklet for
Yxy(34.9609, 0.3341, 0.3697)
contains.

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Color

Yxy(34.9609, 0.3341, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	9FA287
RGB	159, 162, 135
RGB Percent	62%, 64%, 53%
CMY	0.3764, 0.3647, 0.4705
CMYK	0.02, 0.00, 0.17, 0.36
HSL	67°, 13%, 58%
HSV	67°, 17%, 64%
XYZ	31.5944, 34.9609, 28.0103
YIQ	158.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

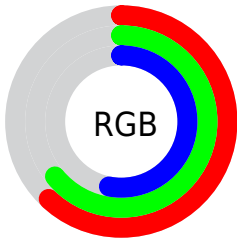
Format	Color
RYB	135, 162, 138
Decimal	10461831
CIELab	65.72, -5.87, 13.69
CIELCh	66, 14.901, 113.216
Yxy	34.9609, 0.3341, 0.3697
Android (android.graphics.Color)	4288651911 (0xFF9FA287)
YUV	158.0250, -11.3513, 0.8551
Hunter-Lab	59.1277, -8.0937, 13.3022

Details

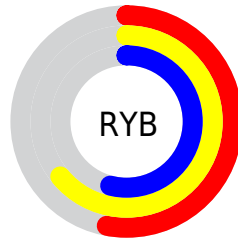
The Yxy color **34.9609, 0.3341, 0.3697** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.3448, 0.2893, 0.2856**, and the grayscale version is **34.2561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5527, 0.3303, 0.3621**, and **14.9335, 0.3406, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **34.3582, 0.3470, 0.3950**, and if you desaturate by 10%, it is **35.6387, 0.3212, 0.3449**.

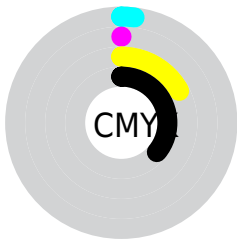
Distribution



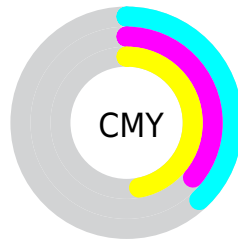
- Red (62%)
- Green (64%)
- Blue (53%)



- Red (53%)
- Yellow (64%)
- Blue (54%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)




- Cyan (38%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9609, 0.3341, 0.3697 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 34.9609, 0.3341, 0.3697 by changing the saturation by 10% instead.


 34.9609, 0.3341,
0.3697


 34.9609, 0.3341,
0.3697


324.3957, 0.3231,
0.3481

 23.6328, 0.3370,
0.3755


 67.4252, 0.3300,
0.3615

 15.0614, 0.3407,
0.3833


 89.3301, 0.3285,
0.3586

 8.8625, 0.3457,
0.3941


 115.5295, 0.3272,
0.3561

 4.6516, 0.3529,
0.4101

146.4076, 0.3261,
0.3540

 2.0443, 0.3636,
0.4364

182.3488, 0.3252,
0.3522

 0.6330, 0.4199,
0.5801

223.7377, 0.3244,

 0.0000, 0.0000,

0.3507

0.0000

270.9585, 0.3237,
0.3493

■ 34.9609, 0.3341,
0.3697

■ 34.9609, 0.3341,
0.3697

■ 34.3582, 0.3470,
0.3950

■ 35.6387, 0.3212,
0.3449

■ 33.8230, 0.3596,
0.4201

■ 36.3901, 0.3086,
0.3212

■ 33.3533, 0.3712,
0.4442

■ 37.2193, 0.2965,
0.2989

■ 32.9456, 0.3814,
0.4662

■ 38.1289, 0.2852,
0.2782

■ 32.5957, 0.3896,
0.4852

■ 39.1214, 0.2747,
0.2592

■ 32.2991, 0.3956,
0.5005

■ 40.1993, 0.2650,
0.2419

■ 32.0505, 0.3990,
0.5115

■ 41.3648, 0.2562,
0.2262

■ 31.8423, 0.4000,
0.5184

■ 41.9851, 0.2535,
0.2205

■ 31.7762, 0.4002,
0.5204

■ 42.1914, 0.2548,
0.2208

Harmonies

Analogous

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



34.9609, 0.3514, 0.3643



34.9609, 0.3341, 0.3697



34.9609, 0.3115, 0.3634

Triad

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



34.9609, 0.3341, 0.3697



34.9609, 0.2692, 0.3058



34.9609, 0.3355, 0.3120

Complementary

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



34.9609, 0.3341, 0.3697



25.3448, 0.2893, 0.2856

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.



34.9609, 0.3127, 0.2977



34.9609, 0.3341, 0.3697



34.9609, 0.2749, 0.2936

Square

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



34.9609, 0.3341, 0.3697



34.9609, 0.2745, 0.3252



34.9609, 0.2906, 0.2910



34.9609, 0.3524, 0.3307

Rectangle

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



34.9609, 0.3341, 0.3697



34.9609, 0.2965, 0.3531



34.9609, 0.2906, 0.2910



34.9609, 0.3282, 0.3065

Sweetspot

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



34.9624, 0.3341, 0.3697



64.9044, 0.3192, 0.3411



27.5264, 0.3429, 0.3333



14.5575, 0.3200, 0.3428



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.9624, 0.3341, 0.3697



63.0492, 0.3389, 0.3791



33.6837, 0.3210, 0.3714



8.1973, 0.3245, 0.3513



25.0459, 0.4004, 0.5203



0.5368, 0.4077, 0.5145

Inverse Universe

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



25.3448, 0.2893, 0.2856



42.2301, 0.2833, 0.2748



26.5403, 0.3030, 0.2874



6.8957, 0.3003, 0.3059



2.1661, 0.1548, 0.0626



0.0559, 0.1750, 0.0738

Previews

White Background



This preview shows how the Yxy color 34.9609, 0.3341, 0.3697 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 34.9609, 0.3341, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

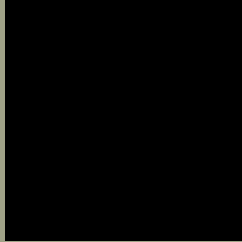
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

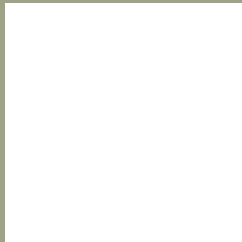
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9609, 0.3341, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 34.9609, 0.3341, 0.3697.



This preview shows how white text looks on a background with the Yxy color 34.9609, 0.3341, 0.3697.

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

34.9609, 0.3341, 0.3697

Protanopia

34.8423, 0.3449, 0.3658

Deuteranopia

34.9846, 0.3591, 0.3529



Tritanopia

34.9087, 0.3078, 0.3104

Trichromacy



Original Color

34.9609, 0.3341, 0.3697

Protanomaly

34.8622, 0.3416, 0.3676

Deuteranomaly

34.8902, 0.3498, 0.3594

Tritanomaly

34.9120, 0.3174, 0.3319

Monochromacy



Original Color

34.9609, 0.3341, 0.3697

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2674, 0.3199, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9609, 0.3341, 0.3697 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(159, 162, 135)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 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(159, 162, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 135) }
```

Border

The CSS property to change the border of an element to Yxy 34.9609, 0.3341, 0.3697 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(159, 162, 135) }
```

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

```
.border{ border-color:rgb(159, 162, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 162, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 162, 135); box-shadow:4px 4px 4px 4px rgb(159, 162, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9609, 0.3341, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 135) }
```

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

```
.background{ background-color: rgb(159,  
162, 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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