

Converting Colors

$Yxy(34.3549, 0.3365, 0.3747)$

Have a look what the booklet for
Yxy(34.3549, 0.3365, 0.3747)
contains.

Yxy(34.3975, 0.3370, 0.3746)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3975, 0.3370, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	9EA183
RGB	158, 161, 131
RGB Percent	62%, 63%, 51%
CMY	0.3803, 0.3686, 0.4863
CMYK	0.02, 0.00, 0.19, 0.37
HSL	66°, 14%, 57%
HSV	66°, 19%, 63%
XYZ	30.9449, 34.3975, 26.4822
YIQ	156.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

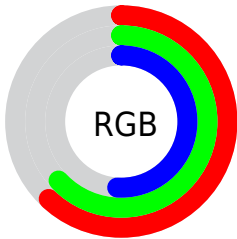
Format	Color
RYB	131, 161, 134
Decimal	10396035
CIELab	65.28, -6.36, 15.29
CIElCh	65, 16.561, 112.590
Yxy	34.3975, 0.3370, 0.3746
Android (android.graphics.Color)	4288586115 (0xFF9EA183)
YUV	156.6830, -12.6617, 1.1550
Hunter-Lab	58.6494, -8.4553, 14.2831

Details

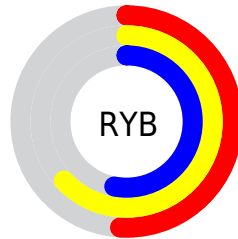
The Yxy color **34.3975, 0.3370, 0.3746** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8740, 0.2858, 0.2799**, and the grayscale version is **33.6242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7186, 0.3325, 0.3658**, and **14.8101, 0.3443, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **33.8346, 0.3501, 0.3998**, and if you desaturate by 10%, it is **35.0334, 0.3238, 0.3497**.

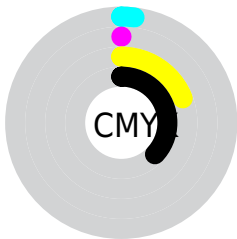
Distribution



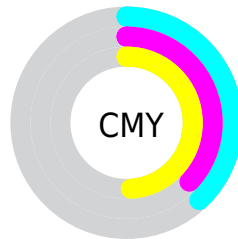
- Red (62%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)





- Cyan (38%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3975, 0.3370, 0.3746 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 34.3975, 0.3370, 0.3746 by changing the saturation by 10% instead.

 34.3975, 0.3370,
0.3746


 34.3975, 0.3370,
0.3746


321.9009, 0.3244,
0.3503

 23.1991, 0.3402,
0.3812

 66.5513, 0.3323,
0.3654

 14.7406, 0.3445,
0.3899


 88.2756, 0.3306,
0.3621

 8.6375, 0.3502,
0.4021

 114.2773, 0.3292,
0.3593

 4.5055, 0.3582,
0.4203

144.9408, 0.3280,
0.3570

 1.9602, 0.3710,
0.4512

180.6505, 0.3269,
0.3549

 0.5842, 0.4064,
0.5936

221.7908, 0.3260,

 0.0000, 0.0000,

0.3532

0.0000

268.7462, 0.3252,
0.3517

■ 34.3975, 0.3370,
0.3746

■ 34.3975, 0.3370,
0.3746

■ 33.8346, 0.3501,
0.3998

■ 35.0334, 0.3238,
0.3497

■ 33.3370, 0.3627,
0.4247

■ 35.7406, 0.3110,
0.3258

■ 32.9029, 0.3743,
0.4483

■ 36.5235, 0.2987,
0.3032

■ 32.5285, 0.3843,
0.4696

■ 37.3847, 0.2871,
0.2821

■ 32.2098, 0.3923,
0.4877

■ 38.3265, 0.2763,
0.2628

■ 31.9422, 0.3980,
0.5019

■ 39.3515, 0.2663,
0.2451

■ 31.7203, 0.4011,
0.5118

■ 40.4619, 0.2572,
0.2290

■ 31.5339, 0.4021,
0.5181

■ 41.3466, 0.2516,
0.2188

■ 31.5091, 0.4022,
0.5189

■ 41.5271, 0.2527,
0.2191

Harmonies

Analogous

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



34.3975, 0.3562, 0.3680



34.3975, 0.3370, 0.3746



34.3975, 0.3118, 0.3679

Triad

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



34.3975, 0.3370, 0.3746



34.3975, 0.2642, 0.3034



34.3975, 0.3376, 0.3096

Complementary

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



34.3975, 0.3370, 0.3746



23.8740, 0.2858, 0.2799

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.



34.3975, 0.3120, 0.2939



34.3975, 0.3370, 0.3746



34.3975, 0.2704, 0.2897

Square

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



34.3975, 0.3370, 0.3746



34.3975, 0.2703, 0.3252



34.3975, 0.2876, 0.2866



34.3975, 0.3569, 0.3303

Rectangle

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



34.3975, 0.3370, 0.3746



34.3975, 0.2950, 0.3565



34.3975, 0.2876, 0.2866



34.3975, 0.3294, 0.3036

Sweetspot

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



34.3990, 0.3370, 0.3746



63.0495, 0.3206, 0.3436



26.1291, 0.3473, 0.3330



13.8116, 0.3213, 0.3450



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.3990, 0.3370, 0.3746



61.2101, 0.3420, 0.3841



33.0126, 0.3225, 0.3767



8.2014, 0.3247, 0.3513



25.1758, 0.4023, 0.5188



0.5386, 0.4089, 0.5135

Inverse Universe

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



23.8740, 0.2858, 0.2799



39.1261, 0.2796, 0.2687



25.1497, 0.3012, 0.2821



6.8921, 0.3001, 0.3059



2.1521, 0.1542, 0.0623



0.0546, 0.1726, 0.0724

Previews

White Background



This preview shows how the Yxy color 34.3975, 0.3370, 0.3746 looks on a white background.

Color Contrast Check

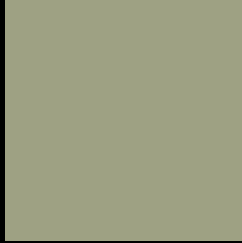
Large Text (above 18pt) WCAG AA × Fail

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 34.3975, 0.3370, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

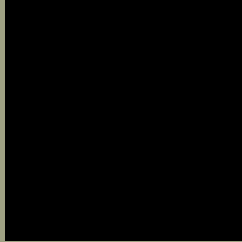
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

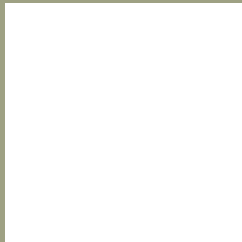
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3975, 0.3370, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 34.3975, 0.3370, 0.3746.



This preview shows how white text looks on a background with the Yxy color 34.3975, 0.3370, 0.3746.

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

34.3975, 0.3370, 0.3746

Protanopia

34.3903, 0.3490, 0.3704

Deuteranopia

34.2172, 0.3639, 0.3558



Tritanopia

34.3906, 0.3087, 0.3117

Trichromacy



Original Color

34.3975, 0.3370, 0.3746

Protanomaly

34.3005, 0.3446, 0.3724

Deuteranomaly

34.1073, 0.3543, 0.3624

Tritanomaly

34.3973, 0.3184, 0.3334

Monochromacy



Original Color

34.3975, 0.3370, 0.3746

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.7599, 0.3208, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3975, 0.3370, 0.3746 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(158, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 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(158, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 131) }
```

Border

The CSS property to change the border of an element to Yxy 34.3975, 0.3370, 0.3746 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(158, 161, 131) }
```

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

```
.border{ border-color:rgb(158, 161, 131) }
```

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

Here you see how a box with a 4 pixel rgb(158, 161, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3975, 0.3370, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 131) }
```

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

```
.background{ background-color: rgb(158,  
161, 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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