

# Converting Colors

Yxy(34.6415, 0.3463, 0.3410)

Have a look what the booklet for  
Yxy(34.6415, 0.3463, 0.3410)  
contains.

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# Color

**Yxy(34.7392, 0.3469, 0.3418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B39A91
RGB	179, 154, 145
RGB Percent	70%, 60%, 57%
CMY	0.2980, 0.3961, 0.4313
CMYK	0.00, 0.14, 0.19, 0.30
HSL	16°, 18%, 64%
HSV	16°, 19%, 70%
XYZ	35.2575, 34.7392, 31.6393
YIQ	160.4490, 17.7890, 2.5010

# Conversions

## Conversions Part 2

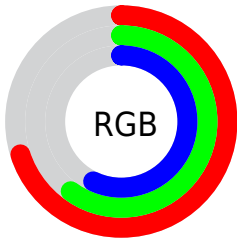
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 157, 145
Decimal	11770513
CIELab	65.55, 7.77, 8.12
CIElCh	66, 11.243, 46.272
Yxy	34.7392, 0.3469, 0.3418
Android (android.graphics.Color)	4289960593 (0xFFB39A91)
YUV	160.4490, -7.6164, 16.2692
Hunter-Lab	58.9400, 3.6327, 9.4308

# Details

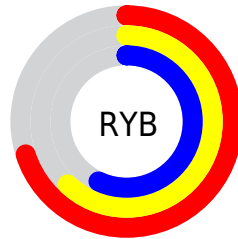
The Yxy color **34.7392, 0.3469, 0.3418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0285, 0.2840, 0.3158**, and the grayscale version is **35.4027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8974, 0.3400, 0.3388**, and **14.9623, 0.3578, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **30.1212, 0.3700, 0.3490**, and if you desaturate by 10%, it is **39.9240, 0.3275, 0.3349**.

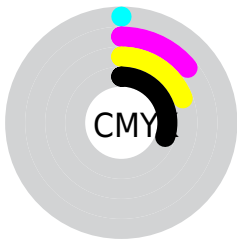
# Distribution



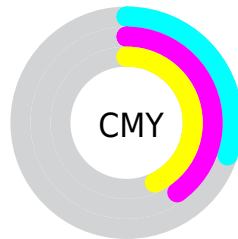
- Red (70%)
- Green (60%)
- Blue (57%)



- Red (70%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (30%)




- Cyan (30%)
- Magenta (40%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7392, 0.3469, 0.3418 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 34.7392, 0.3469, 0.3418 by changing the saturation by 10% instead.





 34.7392, 0.3469,  
0.3418


 34.7392, 0.3469,  
0.3418


323.4157, 0.3289,  
0.3353

 23.4620, 0.3517,  
0.3434


 67.0815, 0.3401,  
0.3394

 14.9351, 0.3582,  
0.3456


 88.9155, 0.3376,  
0.3385

 8.7738, 0.3671,  
0.3484


115.0373, 0.3356,  
0.3378

 4.5939, 0.3804,  
0.3523

145.8311, 0.3338,  
0.3371

 2.0110, 0.4020,  
0.3580

181.6815, 0.3323,  
0.3366

 0.6139, 0.5198,  
0.4127


222.9728, 0.3310,

 0.0000, 0.0000,

0.3361


0.0000


270.0894, 0.3299,  
0.3357

 34.7392, 0.3469,  
0.3418


 34.7392, 0.3469,  
0.3418

 30.1212, 0.3700,  
0.3490

 39.9240, 0.3275,  
0.3349


 26.0459, 0.3972,  
0.3563

 45.6893, 0.3112,  
0.3284


 22.4943, 0.4287,  
0.3630

 52.0542, 0.2975,  
0.3224

 19.4447, 0.4641,  
0.3684

 59.0355, 0.2861,  
0.3169

 16.8735, 0.5021,  
0.3716

 66.6494, 0.2764,  
0.3119

■ 14.7554, 0.5400,  
0.3714

■ 74.9114, 0.2682,  
0.3074

■ 13.0623, 0.5741,  
0.3671

■ 82.8106, 0.2685,  
0.3193

■ 11.7582, 0.6015,  
0.3593

■ 88.3238, 0.2696,  
0.3289

■ 11.6452, 0.6041,  
0.3585

# Harmonies

## Analogous

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



34.7392, 0.3403, 0.3270



34.7392, 0.3469, 0.3418



34.7392, 0.3440, 0.3538

# Triad

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



34.7392, 0.3469, 0.3418



34.7392, 0.2989, 0.3457



34.7392, 0.2927, 0.2998

# Complementary

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



34.7392, 0.3469, 0.3418



38.0285, 0.2840, 0.3158

# 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.



34.7392, 0.2822, 0.3038



34.7392, 0.3469, 0.3418



34.7392, 0.2857, 0.3301

# Square

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



34.7392, 0.3469, 0.3418



34.7392, 0.3160, 0.3566



34.7392, 0.2797, 0.3147



34.7392, 0.3087, 0.3033



# Rectangle

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



34.7392, 0.3469, 0.3418



34.7392, 0.3371, 0.3584



34.7392, 0.2797, 0.3147



34.7392, 0.2884, 0.3003

# Sweetspot

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



34.7408, 0.3469, 0.3418



74.3746, 0.3225, 0.3329



32.7595, 0.3231, 0.2938



16.3347, 0.3236, 0.3334



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290



# Same Dimension

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



34.7408, 0.3469, 0.3418



58.4563, 0.3566, 0.3450



40.5672, 0.3428, 0.3643



8.8588, 0.3281, 0.3351



8.3221, 0.6021, 0.3602



0.3595, 0.5468, 0.4040



# Inverse Universe

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



38.0285, 0.2840, 0.3158



65.4815, 0.2774, 0.3124



32.2249, 0.2826, 0.2910



9.2436, 0.2986, 0.3228



14.0044, 0.2006, 0.2421



0.5298, 0.2081, 0.2692



# Previews

## White Background



This preview shows how the Yxy color 34.7392, 0.3469, 0.3418 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

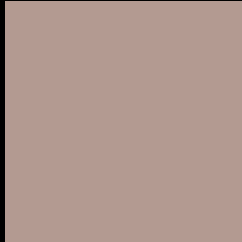
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 34.7392, 0.3469, 0.3418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

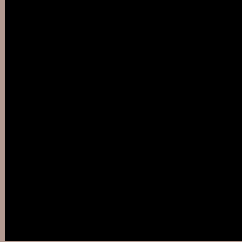
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 34.7392, 0.3469, 0.3418**

## Background



This preview shows how black text looks on a background with the Yxy color 34.7392, 0.3469, 0.3418.



This preview shows how white text looks on a background with the Yxy color 34.7392, 0.3469, 0.3418.

# 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

34.7392, 0.3469, 0.3418

### Protanopia

34.9337, 0.3287, 0.3452

### Deuteranopia

34.8588, 0.3480, 0.3418



## Tritanopia

34.6013, 0.3317, 0.3125

# Trichromacy



## Original Color

34.7392, 0.3469, 0.3418

## Protanomaly

34.7666, 0.3350, 0.3436

## Deuteranomaly

34.8588, 0.3480, 0.3418

## Tritanomaly

34.5601, 0.3375, 0.3235

# Monochromacy



## Original Color

34.7392, 0.3469, 0.3418

## Achromatopsia

35.1533, 0.3127, 0.3290

## Achromatomaly

35.0358, 0.3243, 0.3334

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.7392, 0.3469, 0.3418 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(179, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 145)  
}
```

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(179, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 34.7392, 0.3469, 0.3418 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(179, 154, 145) }
```

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

```
.border{ border-color:rgb(179, 154, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.7392, 0.3469, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 145) }
```

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

```
.background{ background-color: rgb(179,  
154, 145) }
```

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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