

Converting Colors

$Yxy(34.0426, 0.3236, 0.3226)$

Have a look what the booklet for
Yxy(34.0426, 0.3236, 0.3226)
contains.

Yxy(34.0148, 0.3240, 0.3233)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.0148, 0.3240, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	A99A9E
RGB	169, 154, 158
RGB Percent	66%, 60%, 62%
CMY	0.3372, 0.3961, 0.3805
CMYK	0.00, 0.09, 0.07, 0.34
HSL	344°, 8%, 63%
HSV	344°, 9%, 66%
XYZ	34.0884, 34.0148, 37.1080
YIQ	158.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

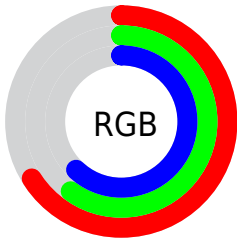
Format	Color
RYB	169, 154, 158
Decimal	11115166
CIELab	64.97, 6.22, -0.09
CIELCh	65, 6.217, 359.170
Yxy	34.0148, 0.3240, 0.3233
Android (android.graphics.Color)	4289305246 (0xFFA99A9E)
YUV	158.9410, -0.4639, 8.8217
Hunter-Lab	58.3222, 2.2667, 3.1018

Details

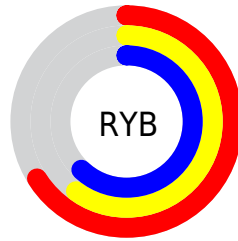
The Yxy color **34.0148, 0.3240, 0.3233** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9654, 0.3025, 0.3348**, and the grayscale version is **34.6426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7631, 0.3213, 0.3235**, and **14.5439, 0.3275, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **28.4183, 0.3394, 0.3165**, and if you desaturate by 10%, it is **40.4430, 0.3114, 0.3297**.

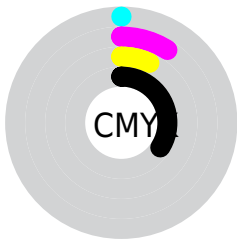
Distribution



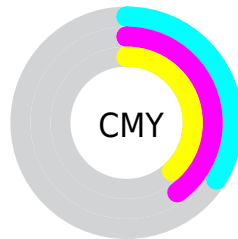
- Red (66%)
- Green (60%)
- Blue (62%)



- Red (66%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0148, 0.3240, 0.3233 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 34.0148, 0.3240, 0.3233 by changing the saturation by 10% instead.

 34.0148, 0.3240,
0.3233


 34.0148, 0.3240,
0.3233


320.1980, 0.3181,
0.3263

 22.9050, 0.3256,
0.3225


 65.9567, 0.3218,
0.3244

 14.5234, 0.3277,
0.3214


 87.5575, 0.3210,
0.3248

 8.4856, 0.3306,
0.3199


113.4242, 0.3203,
0.3252

 4.4072, 0.3350,
0.3177

143.9410, 0.3197,
0.3255

 1.9038, 0.3422,
0.3141

179.4924, 0.3192,
0.3257

 0.5507, 0.3686,
0.3006

220.4628, 0.3188,

 0.0000, 0.0000,

0.3260

0.0000

267.2365, 0.3184,
0.3261

■ 34.0148, 0.3240,
0.3233

■ 34.0148, 0.3240,
0.3233

■ 28.4183, 0.3394,
0.3165

■ 40.4430, 0.3114,
0.3297

■ 23.6150, 0.3583,
0.3094

■ 47.7303, 0.3012,
0.3356

■ 19.5702, 0.3813,
0.3024

■ 55.9086, 0.2928,
0.3410

■ 16.2449, 0.4087,
0.2958

■ 65.0064, 0.2859,
0.3460

■ 13.5963, 0.4408,
0.2905

■ 75.0515, 0.2802,
0.3505

■ 11.5773, 0.4766,
0.2874

■ 85.8099, 0.2755,
0.3541

■ 10.1348, 0.5145,
0.2877

■ 86.5428, 0.2695,
0.3400

■ 9.2064, 0.5510,
0.2920

■ 87.1754, 0.2647,
0.3289

■ 8.6756, 0.5831,
0.2997

Harmonies

Analogous

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



34.0148, 0.3148, 0.3165



34.0148, 0.3240, 0.3233



34.0148, 0.3302, 0.3317

Triad

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



34.0148, 0.3240, 0.3233



34.0148, 0.3201, 0.3457



34.0148, 0.2942, 0.3181

Complementary

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



34.0148, 0.3240, 0.3233



37.9654, 0.3025, 0.3348

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.



34.0148, 0.2956, 0.3259



34.0148, 0.3240, 0.3233



34.0148, 0.3104, 0.3421

Square

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



34.0148, 0.3240, 0.3233



34.0148, 0.3279, 0.3447



34.0148, 0.3015, 0.3347



34.0148, 0.2977, 0.3134

Rectangle

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



34.0148, 0.3240, 0.3233



34.0148, 0.3317, 0.3371



34.0148, 0.3015, 0.3347



34.0148, 0.2941, 0.3205

Sweetspot

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



34.0163, 0.3240, 0.3233



67.4338, 0.3164, 0.3271



33.9773, 0.3098, 0.3075



14.4991, 0.3173, 0.3266



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.0163, 0.3240, 0.3233



58.4603, 0.3273, 0.3218



35.0538, 0.3273, 0.3341



7.5738, 0.3246, 0.3230



6.4345, 0.5839, 0.2990



0.1648, 0.4936, 0.2493

Inverse Universe

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



34.0163, 0.3240, 0.3233



58.4603, 0.3273, 0.3218



36.8277, 0.2993, 0.3239



7.5738, 0.3246, 0.3230



6.4345, 0.5839, 0.2990



0.1648, 0.4936, 0.2493

Previews

White Background



This preview shows how the Yxy color 34.0148, 0.3240, 0.3233 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 34.0148, 0.3240, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

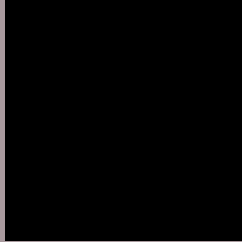
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

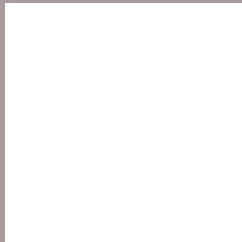
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.0148, 0.3240, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 34.0148, 0.3240, 0.3233.



This preview shows how white text looks on a background with the Yxy color 34.0148, 0.3240, 0.3233.

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

34.0148, 0.3240, 0.3233

Protanopia

34.1256, 0.3129, 0.3246

Deuteranopia

34.1353, 0.3282, 0.3219



Tritanopia

34.0451, 0.3185, 0.3119

Trichromacy



Original Color

34.0148, 0.3240, 0.3233

Protanomaly

34.0667, 0.3169, 0.3246

Deuteranomaly

34.0217, 0.3271, 0.3219

Tritanomaly

33.9371, 0.3213, 0.3162

Monochromacy



Original Color

34.0148, 0.3240, 0.3233

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4037, 0.3168, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0148, 0.3240, 0.3233 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(169, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 158)  
}
```

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(169, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 158) }
```

Border

The CSS property to change the border of an element to Yxy 34.0148, 0.3240, 0.3233 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(169, 154, 158) }
```

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

```
.border{ border-color:rgb(169, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0148, 0.3240, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 158) }
```

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

```
.background{ background-color: rgb(169,  
154, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor