

Converting Colors

$Y_{xy}(34.1218, 0.3340, 0.3224)$

Have a look what the booklet for
Yxy(34.1218, 0.3340, 0.3224)
contains.

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Color

Yxy(34.2039, 0.3344, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	B1989C
RGB	177, 152, 156
RGB Percent	69%, 60%, 61%
CMY	0.3057, 0.4040, 0.3882
CMYK	0.00, 0.14, 0.12, 0.31
HSL	350°, 14%, 65%
HSV	350°, 14%, 69%
XYZ	35.3673, 34.2039, 36.1923
YIQ	159.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

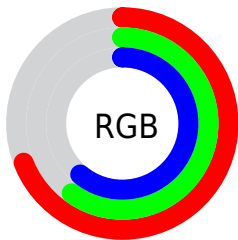
Format	Color
RYB	177, 152, 156
Decimal	11638940
CIELab	65.12, 9.96, 1.33
CIElCh	65, 10.047, 7.590
Yxy	34.2039, 0.3344, 0.3234
Android (android.graphics.Color)	4289829020 (0xFFB1989C)
YUV	159.9310, -1.9380, 14.9695
Hunter-Lab	58.4841, 5.5978, 4.2479

Details

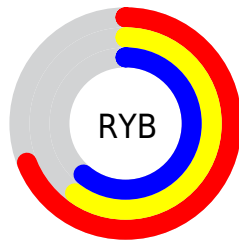
The Yxy color **34.2039, 0.3344, 0.3234** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1524, 0.2946, 0.3347**, and the grayscale version is **35.1273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1194, 0.3306, 0.3247**, and **14.6124, 0.3410, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **28.4083, 0.3542, 0.3192**, and if you desaturate by 10%, it is **40.9219, 0.3184, 0.3274**.

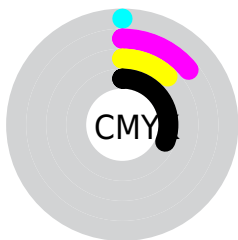
Distribution



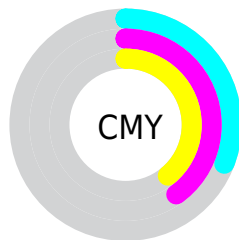
- Red (69%)
- Green (60%)
- Blue (61%)



- Red (69%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2039, 0.3344, 0.3234 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 34.2039, 0.3344, 0.3234 by changing the saturation by 10% instead.


 34.2039, 0.3344,
0.3234


 34.2039, 0.3344,
0.3234

321.0403, 0.3230,
0.3264

 23.0503, 0.3375,
0.3226


 66.2506, 0.3301,
0.3245

 14.6306, 0.3415,
0.3215


 87.9125, 0.3285,
0.3250

 8.5606, 0.3472,
0.3199

113.8460, 0.3272,
0.3253

 4.4557, 0.3557,
0.3176

144.4354, 0.3261,
0.3256

 1.9316, 0.3696,
0.3136

180.0651, 0.3252,
0.3258

 0.5673, 0.4173,
0.3026

221.1196, 0.3243,


 0.0000, 0.0000,

0.3261


0.0000

267.9832, 0.3236,
0.3262

 34.2039, 0.3344,
0.3234


 34.2039, 0.3344,
0.3234


 28.4083, 0.3542,
0.3192


 40.9219, 0.3184,
0.3274


 23.4905, 0.3785,
0.3149


 48.5954, 0.3055,
0.3311


 19.4090, 0.4080,
0.3108

 57.2615, 0.2950,
0.3346

 16.1170, 0.4431,
0.3074

 66.9538, 0.2865,
0.3377

 13.5633, 0.4830,
0.3053

 77.7045, 0.2795,
0.3405

■ 11.6905, 0.5255,
0.3054

■ 87.4767, 0.2733,
0.3396

■ 10.4326, 0.5664,
0.3082

■ 88.0918, 0.2686,
0.3289

■ 9.7107, 0.6006,
0.3138

■ 9.4374, 0.6166,
0.3170

Harmonies

Analogous

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



34.2039, 0.3204, 0.3116



34.2039, 0.3344, 0.3234



34.2039, 0.3425, 0.3368

Triad

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



34.2039, 0.3344, 0.3234



34.2039, 0.3202, 0.3553



34.2039, 0.2838, 0.3086

Complementary

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



34.2039, 0.3344, 0.3234



41.1524, 0.2946, 0.3347

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.



34.2039, 0.2838, 0.3200



34.2039, 0.3344, 0.3234



34.2039, 0.3046, 0.3474

Square

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



34.2039, 0.3344, 0.3234



34.2039, 0.3342, 0.3556



34.2039, 0.2913, 0.3343



34.2039, 0.2913, 0.3031

Rectangle

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



34.2039, 0.3344, 0.3234



34.2039, 0.3434, 0.3451



34.2039, 0.2913, 0.3343



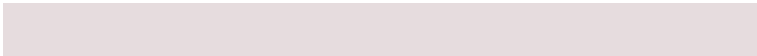
34.2039, 0.2829, 0.3119

Sweetspot

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



34.2054, 0.3344, 0.3234



73.3577, 0.3183, 0.3275



34.4979, 0.3103, 0.2943



15.6922, 0.3194, 0.3272



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.2054, 0.3344, 0.3234



57.7970, 0.3402, 0.3221



36.8780, 0.3367, 0.3408



8.5268, 0.3263, 0.3254



6.8405, 0.6144, 0.3158



0.2220, 0.5481, 0.2793

Inverse Universe

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



34.2054, 0.3344, 0.3234



57.7970, 0.3402, 0.3221



38.1109, 0.2912, 0.3169



8.5268, 0.3263, 0.3254



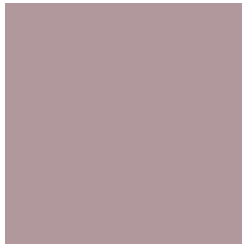
6.8405, 0.6144, 0.3158



0.2220, 0.5481, 0.2793

Previews

White Background



This preview shows how the Yxy color 34.2039, 0.3344, 0.3234 looks on a white background.

Color Contrast Check

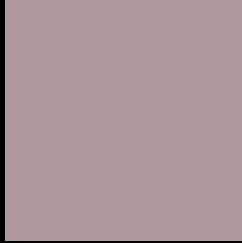
Large Text (above 18pt) WCAG AA × Fail

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 34.2039, 0.3344, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

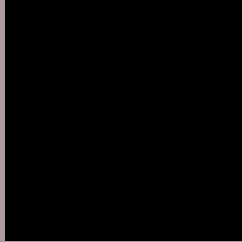
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2039, 0.3344, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 34.2039, 0.3344, 0.3234.



This preview shows how white text looks on a background with the Yxy color 34.2039, 0.3344, 0.3234.

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

34.2039, 0.3344, 0.3234

Protanopia

34.1942, 0.3148, 0.3261

Deuteranopia

34.1814, 0.3311, 0.3248



Tritanopia

34.2425, 0.3287, 0.3123

Trichromacy



Original Color

34.2039, 0.3344, 0.3234

Protanomaly

34.1268, 0.3219, 0.3247

Deuteranomaly

34.2967, 0.3321, 0.3248

Tritanomaly

34.1363, 0.3316, 0.3165

Monochromacy



Original Color

34.2039, 0.3344, 0.3234

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7241, 0.3197, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2039, 0.3344, 0.3234 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(177, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(177, 152, 156)  
}
```

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(177, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 152, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.2039, 0.3344, 0.3234 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(177, 152, 156) }
```

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

```
.border{ border-color:rgb(177, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(177, 152,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2039, 0.3344, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 152, 156) }
```

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

```
.background{ background-color: rgb(177,  
152, 156) }
```

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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