

Converting Colors

$Yxy(33.3184, 0.3338, 0.3259)$

Have a look what the booklet for
Yxy(33.3184, 0.3338, 0.3259)
contains.

Yxy(33.3174, 0.3334, 0.3262)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.3174, 0.3334, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	AD9799
RGB	173, 151, 153
RGB Percent	68%, 59%, 60%
CMY	0.3215, 0.4079, 0.4000
CMYK	0.00, 0.13, 0.12, 0.32
HSL	355°, 12%, 64%
HSV	355°, 13%, 68%
XYZ	34.0528, 33.3174, 34.7678
YIQ	157.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

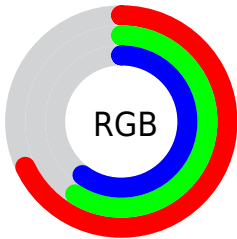
Format	Color
RYB	173, 151, 153
Decimal	11376537
CIELab	64.42, 8.49, 1.95
CIElCh	64, 8.715, 12.929
Yxy	33.3174, 0.3334, 0.3262
Android (android.graphics.Color)	4289566617 (0xFFAD9799)
YUV	157.8060, -2.3694, 13.3251
Hunter-Lab	57.7212, 4.2944, 4.6922

Details

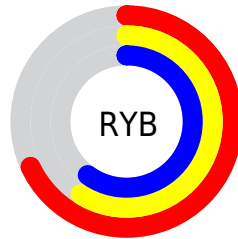
The Yxy color **33.3174, 0.3334, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4165, 0.2952, 0.3318**, and the grayscale version is **34.1077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8257, 0.3298, 0.3269**, and **14.0667, 0.3397, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **27.6663, 0.3542, 0.3239**, and if you desaturate by 10%, it is **39.8574, 0.3167, 0.3284**.

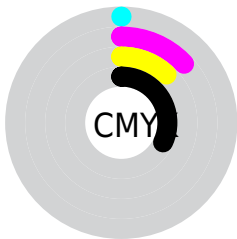
Distribution



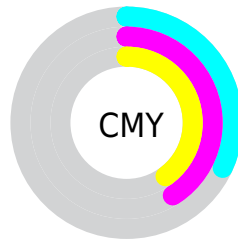
- Red (68%)
- Green (59%)
- Blue (60%)



- Red (68%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3174, 0.3334, 0.3262 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 33.3174, 0.3334, 0.3262 by changing the saturation by 10% instead.


 33.3174, 0.3334,
0.3262


 33.3174, 0.3334,
0.3262


317.0775, 0.3224,
0.3277

 22.3697, 0.3364,
0.3258


 64.8708, 0.3293,
0.3268

 14.1288, 0.3403,
0.3252


 86.2452, 0.3278,
0.3270

 8.2103, 0.3458,
0.3243


111.8640, 0.3265,
0.3272

 4.2298, 0.3541,
0.3230

142.1116, 0.3254,
0.3273

 1.8029, 0.3679,
0.3206

177.3724, 0.3245,
0.3275

 0.4890, 0.4316,
0.3140


218.0307, 0.3237,


 0.0000, 0.0000,

0.3276

0.0000


264.4709, 0.3231,
0.3277


 33.3174, 0.3334,
0.3262

 33.3174, 0.3334,
0.3262


 27.6663, 0.3542,
0.3239


 39.8574, 0.3167,
0.3284


 22.8615, 0.3798,
0.3215


 47.3176, 0.3032,
0.3305


 18.8637, 0.4112,
0.3192

 55.7333, 0.2923,
0.3323

 15.6284, 0.4485,
0.3173

 65.1368, 0.2835,
0.3340

 13.1072, 0.4909,
0.3163

 75.5585, 0.2762,
0.3356

■ 11.2458, 0.5359,
0.3165

■ 87.0279, 0.2702,
0.3370

■ 9.9825, 0.5783,
0.3184

■ 87.6268, 0.2666,
0.3289

■ 9.2436, 0.6120,
0.3219

■ 8.9232, 0.6293,
0.3240

Harmonies

Analogous

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



33.3174, 0.3219, 0.3154



33.3174, 0.3334, 0.3262



33.3174, 0.3393, 0.3380

Triad

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



33.3174, 0.3334, 0.3262



33.3174, 0.3169, 0.3512



33.3174, 0.2881, 0.3099

Complementary

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



33.3174, 0.3334, 0.3262



39.4165, 0.2952, 0.3318

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.



33.3174, 0.2869, 0.3191



33.3174, 0.3334, 0.3262



33.3174, 0.3033, 0.3433

Square

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



33.3174, 0.3334, 0.3262



33.3174, 0.3296, 0.3527



33.3174, 0.2924, 0.3314



33.3174, 0.2958, 0.3060

Rectangle

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



33.3174, 0.3334, 0.3262



33.3174, 0.3392, 0.3449



33.3174, 0.2924, 0.3314



33.3174, 0.2869, 0.3125

Sweetspot

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



33.3189, 0.3334, 0.3262



69.6984, 0.3187, 0.3281



33.7883, 0.3120, 0.2981



14.9516, 0.3199, 0.3280



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.3189, 0.3334, 0.3262



56.9449, 0.3382, 0.3256



36.1962, 0.3337, 0.3416



8.0267, 0.3273, 0.3270



6.5574, 0.6277, 0.3232



0.1861, 0.5808, 0.2973

Inverse Universe

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



33.3189, 0.3334, 0.3262



56.9449, 0.3382, 0.3256



36.2243, 0.2933, 0.3161



8.0267, 0.3273, 0.3270



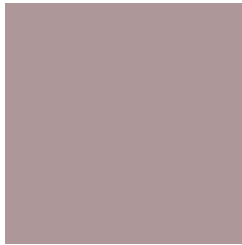
6.5574, 0.6277, 0.3232



0.1861, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 33.3174, 0.3334, 0.3262 looks on a white background.

Color Contrast Check

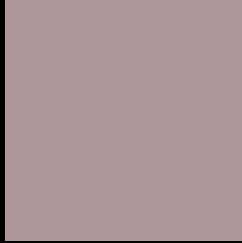
Large Text (above 18pt) WCAG AA × Fail

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 33.3174, 0.3334, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

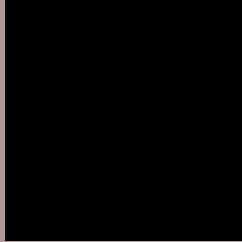
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3174, 0.3334, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 33.3174, 0.3334, 0.3262.



This preview shows how white text looks on a background with the Yxy color 33.3174, 0.3334, 0.3262.

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

33.3174, 0.3334, 0.3262

Protanopia

33.5482, 0.3157, 0.3290

Deuteranopia

33.3174, 0.3334, 0.3262



Tritanopia

33.3846, 0.3267, 0.3134

Trichromacy



Original Color

33.3174, 0.3334, 0.3262

Protanomaly

33.3703, 0.3218, 0.3276

Deuteranomaly

33.3174, 0.3334, 0.3262

Tritanomaly

33.2800, 0.3296, 0.3177

Monochromacy



Original Color

33.3174, 0.3334, 0.3262

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6295, 0.3197, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3174, 0.3334, 0.3262 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(173, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 153)  
}
```

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(173, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 153) }
```

Border

The CSS property to change the border of an element to Yxy 33.3174, 0.3334, 0.3262 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(173, 151, 153) }
```

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

```
.border{ border-color:rgb(173, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 151,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3174, 0.3334, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 153) }
```

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

```
.background{ background-color: rgb(173,  
151, 153) }
```

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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