

Converting Colors

$Y_{xy}(34.8979, 0.3231, 0.3274)$

Have a look what the booklet for
Yxy(34.8979, 0.3231, 0.3274)
contains.

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Color

Yxy(34.9074, 0.3226, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A89D9E
RGB	168, 157, 158
RGB Percent	66%, 62%, 62%
CMY	0.3412, 0.3843, 0.3804
CMYK	0.00, 0.07, 0.06, 0.34
HSL	355°, 6%, 64%
HSV	355°, 7%, 66%
XYZ	34.3746, 34.9074, 37.2729
YIQ	160.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

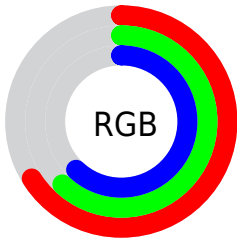
Format	Color
RYB	168, 157, 158
Decimal	11050398
CIELab	65.68, 4.18, 0.91
CIELCh	66, 4.280, 12.332
Yxy	34.9074, 0.3226, 0.3276
Android (android.graphics.Color)	4289240478 (0xFFA89D9E)
YUV	160.4030, -1.1847, 6.6626
Hunter-Lab	59.0825, 0.4583, 3.9539

Details

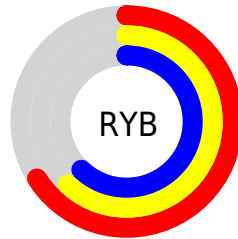
The Yxy color **34.9074, 0.3226, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9593, 0.3036, 0.3304**, and the grayscale version is **35.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5790, 0.3202, 0.3279**, and **15.0826, 0.3254, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **29.1156, 0.3407, 0.3253**, and if you desaturate by 10%, it is **41.5493, 0.3080, 0.3297**.

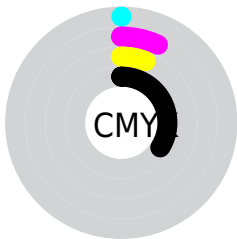
Distribution



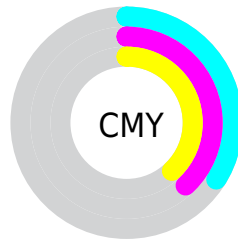
- Red (66%)
- Green (62%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (34%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9074, 0.3226, 0.3276 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 34.9074, 0.3226, 0.3276 by changing the saturation by 10% instead.


 34.9074, 0.3226,
0.3276


 34.9074, 0.3226,
0.3276


324.1594, 0.3174,
0.3284

 23.5916, 0.3240,
0.3274


 67.3423, 0.3207,
0.3279

 15.0309, 0.3258,
0.3271


 89.2301, 0.3199,
0.3280

 8.8411, 0.3284,
0.3267


115.4107, 0.3193,
0.3281

 4.6377, 0.3321,
0.3261

146.2685, 0.3188,
0.3282

 2.0363, 0.3383,
0.3251

182.1879, 0.3184,
0.3282

 0.6284, 0.3590,
0.3226


223.5533, 0.3180,


 0.0000, 0.0000,


0.3283

0.0000


270.7490, 0.3177,
0.3283


 34.9074, 0.3226,
0.3276


 34.9074, 0.3226,
0.3276


 29.1156, 0.3407,
0.3253


 41.5493, 0.3080,
0.3297

 24.1352, 0.3632,
0.3230


 49.0688, 0.2962,
0.3316


 19.9314, 0.3908,
0.3206

 57.4979, 0.2867,
0.3334

 16.4650, 0.4243,
0.3185

 66.8657, 0.2788,
0.3350

 13.6934, 0.4636,
0.3169

 77.1998, 0.2724,
0.3364

■ 11.5697, 0.5073,
0.3162

■ 86.7267, 0.2667,
0.3347

■ 10.0412, 0.5520,
0.3170

■ 87.0634, 0.2642,
0.3289

■ 9.0469, 0.5918,
0.3195

■ 8.5019, 0.6212,
0.3232

Harmonies

Analogous

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



34.9074, 0.3171, 0.3223



34.9074, 0.3226, 0.3276



34.9074, 0.3255, 0.3334

Triad

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



34.9074, 0.3226, 0.3276



34.9074, 0.3149, 0.3396



34.9074, 0.3007, 0.3199

Complementary

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



34.9074, 0.3226, 0.3276



37.9593, 0.3036, 0.3304

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.



34.9074, 0.3001, 0.3245



34.9074, 0.3226, 0.3276



34.9074, 0.3083, 0.3359

Square

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



34.9074, 0.3226, 0.3276



34.9074, 0.3210, 0.3404



34.9074, 0.3029, 0.3303



34.9074, 0.3044, 0.3178

Rectangle

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



34.9074, 0.3226, 0.3276



34.9074, 0.3255, 0.3367



34.9074, 0.3029, 0.3303



34.9074, 0.3001, 0.3212

Sweetspot

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



34.9089, 0.3226, 0.3276



68.5860, 0.3156, 0.3286



35.1470, 0.3124, 0.3134



14.9789, 0.3155, 0.3286



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.



34.9089, 0.3226, 0.3276



61.5612, 0.3253, 0.3272



36.3878, 0.3230, 0.3353



7.5529, 0.3272, 0.3270



6.3165, 0.6276, 0.3231



0.1570, 0.5780, 0.2958

Inverse Universe

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



34.9089, 0.3226, 0.3276



61.5612, 0.3253, 0.3272



36.4021, 0.3029, 0.3226



7.5529, 0.3272, 0.3270



6.3165, 0.6276, 0.3231



0.1570, 0.5780, 0.2958

Previews

White Background



This preview shows how the Yxy color 34.9074, 0.3226, 0.3276 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 34.9074, 0.3226, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

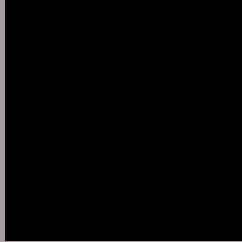
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9074, 0.3226, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 34.9074, 0.3226, 0.3276.



This preview shows how white text looks on a background with the Yxy color 34.9074, 0.3226, 0.3276.

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

34.9074, 0.3226, 0.3276

Protanopia

34.9809, 0.3156, 0.3290

Deuteranopia

34.7284, 0.3291, 0.3220



Tritanopia

34.7049, 0.3146, 0.3106

Trichromacy



Original Color

34.9074, 0.3226, 0.3276

Protanomaly

34.8494, 0.3176, 0.3276

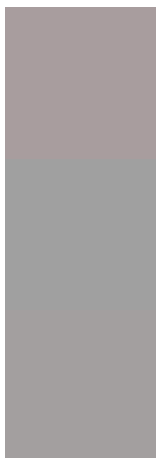
Deuteranomaly

34.7165, 0.3259, 0.3233

Tritanomaly

34.8923, 0.3182, 0.3176

Monochromacy



Original Color

34.9074, 0.3226, 0.3276

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0860, 0.3166, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9074, 0.3226, 0.3276 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(168, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 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(168, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 158) }
```

Border

The CSS property to change the border of an element to Yxy 34.9074, 0.3226, 0.3276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

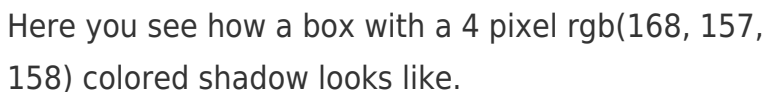
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 157, 158) }
```

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

```
.border{ border-color:rgb(168, 157, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 157, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 157, 158); box-shadow:4px 4px 4px 4px rgb(168, 157, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9074, 0.3226, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 158) }
```

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

```
.background{ background-color: rgb(168,  
157, 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](#).

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