

Converting Colors

Yxy(34.8979, 0.3024, 0.3305)

Have a look what the booklet for
Yxy(34.8979, 0.3024, 0.3305)
contains.

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Color

Yxy(34.8979, 0.3024, 0.3305)

Conversions

Conversions Part 1	
Format	Color
Hex	96A2A1
RGB	150, 162, 161
RGB Percent	59%, 64%, 63%
CMY	0.4117, 0.3647, 0.3687
CMYK	0.07, 0.00, 0.01, 0.36
HSL	175°, 6%, 61%
HSV	175°, 7%, 64%
XYZ	31.9308, 34.8979, 38.7625
YIQ	158.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

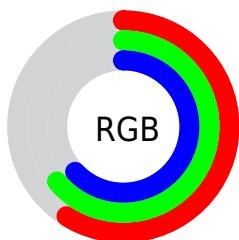
Format	Color
RYB	150, 156, 162
Decimal	9872033
CIELab	65.67, -4.44, -0.94
CIELCh	66, 4.536, 191.939
Yxy	34.8979, 0.3024, 0.3305
Android (android.graphics.Color)	4288062113 (0xFF96A2A1)
YUV	158.2980, 1.3321, -7.2773
Hunter-Lab	59.0744, -6.8979, 2.4481

Details

The Yxy color **34.8979, 0.3024, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7327, 0.3240, 0.3275**, and the grayscale version is **34.3313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4209, 0.3041, 0.3301**, and **14.9303, 0.2982, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **33.4187, 0.2890, 0.3327**, and if you desaturate by 10%, it is **36.5931, 0.3164, 0.3285**.

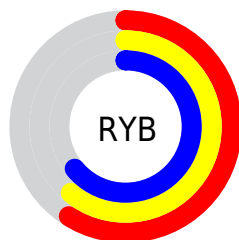
Distribution



Red (59%)

Green (64%)

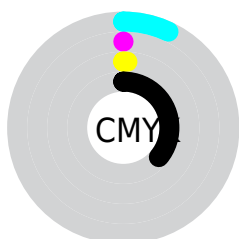
Blue (63%)



Red (59%)

Yellow (61%)

Blue (64%)

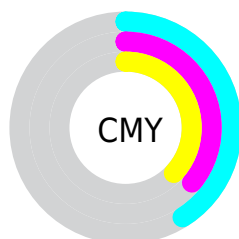


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (41%)


Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8979, 0.3024, 0.3305 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 34.8979, 0.3024, 0.3305 by changing the saturation by 10% instead.


 34.8979, 0.3024,
0.3305


 34.8979, 0.3024,
0.3305


324.1174, 0.3078,
0.3297

 23.5842, 0.3010,
0.3307


 67.3276, 0.3044,
0.3302

 15.0255, 0.2991,
0.3310


 89.2124, 0.3052,
0.3301

 8.8373, 0.2964,
0.3313


115.3897, 0.3058,
0.3300

 4.6352, 0.2926,
0.3318

146.2438, 0.3063,
0.3300

 2.0349, 0.2863,
0.3326

182.1593, 0.3068,
0.3299

 0.6276, 0.2618,
0.3366


223.5205, 0.3072,


 0.0000, 0.0000,


0.3298


0.0000

270.7117, 0.3075,
0.3298


 34.8979, 0.3024,
0.3305


 34.8979, 0.3024,
0.3305

 33.4187, 0.2890,
0.3327


 36.5931, 0.3164,
0.3285


 32.1424, 0.2766,
0.3351

 38.5079, 0.3308,
0.3267


 31.0612, 0.2653,
0.3376


 40.6517, 0.3452,
0.3251


 30.1651, 0.2554,
0.3403

 43.0318, 0.3597,
0.3237

 29.4433, 0.2472,
0.3430


 45.6553, 0.3738,
0.3224


 28.8838, 0.2407,
0.3459


 48.5287, 0.3876,
0.3214


 28.4730, 0.2362,
0.3487

 50.0283, 0.3934,
0.3201

 28.1953, 0.2334,
0.3516

 50.0811, 0.3920,
0.3187

 28.0252, 0.2322,
0.3544

 50.1343, 0.3907,
0.3172

Harmonies

Analogous

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



34.8979, 0.3081, 0.3364



34.8979, 0.3024, 0.3305



34.8979, 0.2994, 0.3242

Triad

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



34.8979, 0.3024, 0.3305



34.8979, 0.3102, 0.3180



34.8979, 0.3257, 0.3386

Complementary

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



34.8979, 0.3024, 0.3305



31.7327, 0.3240, 0.3275

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.



34.8979, 0.3262, 0.3335



34.8979, 0.3024, 0.3305



34.8979, 0.3172, 0.3218

Square

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



34.8979, 0.3024, 0.3305



34.8979, 0.3039, 0.3171



34.8979, 0.3231, 0.3274



34.8979, 0.3216, 0.3411

Rectangle

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



34.8979, 0.3024, 0.3305



34.8979, 0.2994, 0.3208



34.8979, 0.3231, 0.3274



34.8979, 0.3263, 0.3371

Sweetspot

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



34.8994, 0.3024, 0.3305



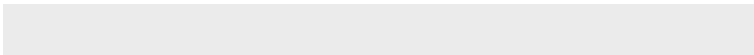
64.9554, 0.3098, 0.3294



34.6435, 0.3130, 0.3472



14.5968, 0.3100, 0.3294



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8994, 0.3024, 0.3305



62.8519, 0.3000, 0.3309



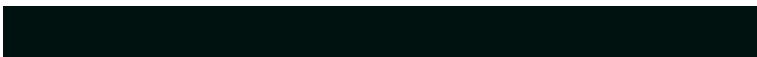
33.2773, 0.3016, 0.3217



8.0008, 0.2998, 0.3309



22.0507, 0.2319, 0.3549



0.4662, 0.2290, 0.3446

Inverse Universe

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



31.7327, 0.3240, 0.3275



55.8141, 0.3270, 0.3271



33.2625, 0.3244, 0.3362



7.0953, 0.3272, 0.3271



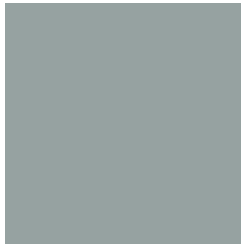
6.0791, 0.6281, 0.3234



0.1305, 0.5784, 0.2960

Previews

White Background



This preview shows how the Yxy color 34.8979, 0.3024, 0.3305 looks on a white background.

Color Contrast Check

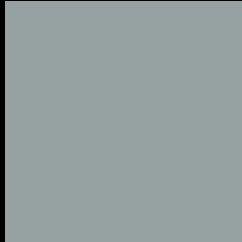
Large Text (above 18pt) WCAG AA × Fail

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 34.8979, 0.3024, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

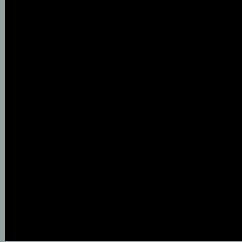
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

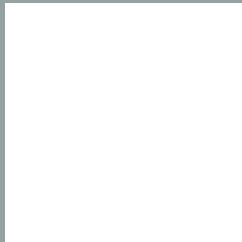
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8979, 0.3024, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 34.8979, 0.3024, 0.3305.

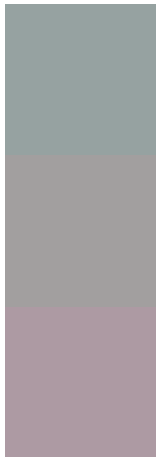


This preview shows how white text looks on a background with the Yxy color 34.8979, 0.3024, 0.3305.

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

34.8979, 0.3024, 0.3305

Protanopia

34.9809, 0.3156, 0.3290

Deuteranopia

34.6398, 0.3233, 0.3163



Tritanopia

34.8341, 0.2941, 0.3099

Trichromacy



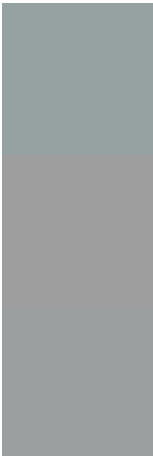
Original Color
34.8979, 0.3024, 0.3305

Protanomaly
34.9488, 0.3108, 0.3290

Deuteranomaly
34.7219, 0.3160, 0.3218

Tritanomaly
34.9336, 0.2966, 0.3171

Monochromacy



Original Color
34.8979, 0.3024, 0.3305

Achromatopsia
34.1914, 0.3127, 0.3290

Achromatomaly
34.2680, 0.3089, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8979, 0.3024, 0.3305 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(150, 162, 161) looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 161)  
}
```

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(150, 162, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.8979, 0.3024, 0.3305 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(150, 162, 161) }
```

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

```
.border{ border-color:rgb(150, 162, 161) }
```

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

Here you see how a box with a 4 pixel rgb(150, 162, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 161);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8979, 0.3024, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 161) }
```

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

```
.background{ background-color: rgb(150,  
162, 161) }
```

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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