

Converting Colors

$Yxy(41.2661, 0.2966, 0.3298)$

Have a look what the booklet for
Yxy(41.2661, 0.2966, 0.3298)
contains.

Yxy(41.3139, 0.2972, 0.3304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3139, 0.2972, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	9DB0AF
RGB	157, 176, 175
RGB Percent	62%, 69%, 69%
CMY	0.3844, 0.3098, 0.3138
CMYK	0.11, 0.00, 0.01, 0.31
HSL	177°, 11%, 65%
HSV	177°, 11%, 69%
XYZ	37.1625, 41.3139, 46.5657
YIQ	170.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

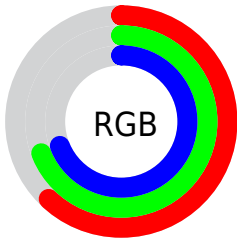
Format	Color
RYB	157, 167, 176
Decimal	10334383
CIELab	70.40, -6.78, -1.73
CIELCh	70, 6.994, 194.288
Yxy	41.3139, 0.2972, 0.3304
Android (android.graphics.Color)	4288524463 (0xFF9DB0AF)
YUV	170.2050, 2.3639, -11.5808
Hunter-Lab	64.2759, -9.2792, 2.0396

Details

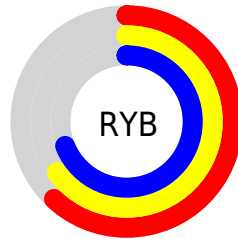
The Yxy color **41.3139, 0.2972, 0.3304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8049, 0.3306, 0.3276**, and the grayscale version is **40.2963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4234, 0.3006, 0.3311**, and **18.9095, 0.2927, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **39.6341, 0.2837, 0.3318**, and if you desaturate by 10%, it is **43.2524, 0.3115, 0.3291**.

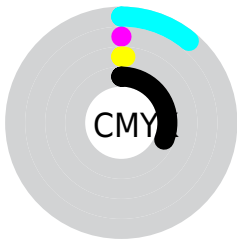
Distribution



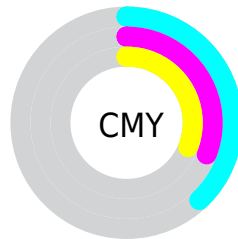
- Red (62%)
- Green (69%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)





- Cyan (38%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3139, 0.2972, 0.3304 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 41.3139, 0.2972, 0.3304 by changing the saturation by 10% instead.


 41.3139, 0.2972,
0.3304


 41.3139, 0.2972,
0.3304

351.6308, 0.3051,
0.3297

 28.5644, 0.2952,
0.3306


 77.1602, 0.3001,
0.3302

 18.7516, 0.2926,
0.3308


 101.0258, 0.3012,
0.3301

 11.4909, 0.2890,
0.3310


129.3656, 0.3021,
0.3300

 6.3981, 0.2840,
0.3314

162.5639, 0.3029,
0.3299

 3.0886, 0.2762,
0.3318

201.0052, 0.3035,
0.3299

 1.1782, 0.2628,
0.3324

245.0739, 0.3041,


 0.0438, 0.0000,


0.3298

0.2063

295.1543, 0.3046,
0.3298


 0.0000, 0.0000,
0.0000

 41.3139, 0.2972,
0.3304


 41.3139, 0.2972,
0.3304


 39.6341, 0.2837,
0.3318


 43.2524, 0.3115,
0.3291


 38.1971, 0.2712,
0.3333


 45.4547, 0.3263,
0.3279


 36.9928, 0.2600,
0.3350

 47.9321, 0.3414,
0.3269

 36.0088, 0.2504,
0.3367

 50.6939, 0.3565,
0.3259

 35.2312, 0.2426,
0.3384

 53.7486, 0.3713,
0.3251

■ 34.6447, 0.2366,
0.3402

■ 55.6386, 0.3793,
0.3243

■ 34.2319, 0.2325,
0.3419

■ 55.6776, 0.3784,
0.3233

■ 33.9721, 0.2302,
0.3437

■ 55.7169, 0.3776,
0.3223

■ 33.8283, 0.2293,
0.3453

■ 55.7564, 0.3767,
0.3213

Harmonies

Analogous

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



41.3139, 0.3053, 0.3393



41.3139, 0.2972, 0.3304



41.3139, 0.2933, 0.3213

Triad

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



41.3139, 0.2972, 0.3304



41.3139, 0.3098, 0.3134



41.3139, 0.3313, 0.3433

Complementary

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



41.3139, 0.2972, 0.3304



35.8049, 0.3306, 0.3276

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.



41.3139, 0.3326, 0.3362



41.3139, 0.2972, 0.3304



41.3139, 0.3200, 0.3191

Square

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



41.3139, 0.2972, 0.3304



41.3139, 0.3004, 0.3117



41.3139, 0.3284, 0.3274



41.3139, 0.3250, 0.3467

Rectangle

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



41.3139, 0.2972, 0.3304



41.3139, 0.2935, 0.3164



41.3139, 0.3284, 0.3274



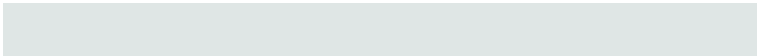
41.3139, 0.3324, 0.3413

Sweetspot

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



41.3156, 0.2972, 0.3304



77.6070, 0.3083, 0.3294



40.7827, 0.3125, 0.3564



16.7562, 0.3071, 0.3295



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.



41.3156, 0.2972, 0.3304



74.1445, 0.2939, 0.3307



38.2179, 0.2963, 0.3172



9.6235, 0.2993, 0.3302



24.8193, 0.2292, 0.3451



0.7833, 0.2278, 0.3402

Inverse Universe

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



35.8049, 0.3306, 0.3276



62.1238, 0.3352, 0.3273



38.6559, 0.3302, 0.3405



8.5124, 0.3279, 0.3278



6.7904, 0.6330, 0.3261



0.2161, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 41.3139, 0.2972, 0.3304 looks on a white background.

Color Contrast Check

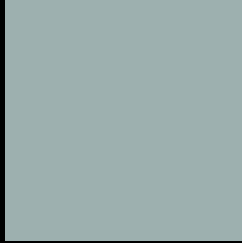
Large Text (above 18pt) WCAG AA × Fail

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 41.3139, 0.2972, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

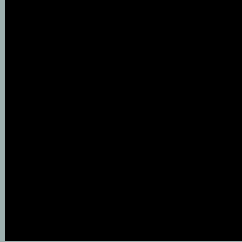
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

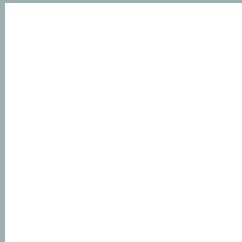
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3139, 0.2972, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 41.3139, 0.2972, 0.3304.

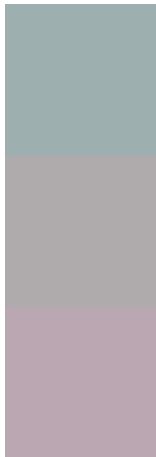


This preview shows how white text looks on a background with the Yxy color 41.3139, 0.2972, 0.3304.

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

41.3139, 0.2972, 0.3304

Protanopia

41.2183, 0.3155, 0.3276

Deuteranopia

41.2509, 0.3216, 0.3159



Tritanopia

41.2739, 0.2889, 0.3096

Trichromacy



Original Color

41.3139, 0.2972, 0.3304

Protanomaly

41.2291, 0.3083, 0.3290

Deuteranomaly

40.9980, 0.3122, 0.3209

Tritanomaly

41.3479, 0.2919, 0.3178

Monochromacy



Original Color

41.3139, 0.2972, 0.3304

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.4829, 0.3065, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3139, 0.2972, 0.3304 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(157, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 176, 175)  
}
```

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(157, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 176, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.3139, 0.2972, 0.3304 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(157, 176, 175) }
```

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

```
.border{ border-color:rgb(157, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 176,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3139, 0.2972, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 176, 175) }
```

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

```
.background{ background-color: rgb(157,  
176, 175) }
```

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