

Converting Colors

$Y_{xy}(41.6386, 0.2980, 0.3241)$

Have a look what the booklet for
Yxy(41.6386, 0.2980, 0.3241)
contains.

Yxy(41.4917, 0.2975, 0.3234)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4917, 0.2975, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	A1AFB3
RGB	161, 175, 179
RGB Percent	63%, 69%, 70%
CMY	0.3685, 0.3137, 0.2981
CMYK	0.10, 0.02, 0.00, 0.30
HSL	193°, 11%, 67%
HSV	193°, 10%, 70%
XYZ	38.1688, 41.4917, 48.6379
YIQ	171.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

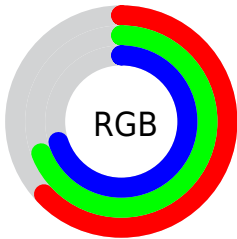
Format	Color
R _Y B	161, 169, 179
Decimal	10596275
CIE Lab	70.52, -4.04, -3.72
CIE LCh	71, 5.489, 222.604
Yxy	41.4917, 0.2975, 0.3234
Android (android.graphics.Color)	4288786355 (0xFFA1AFB3)
YUV	171.2700, 3.8109, -9.0068
Hunter-Lab	64.4141, -6.9538, 0.3210

Details

The Yxy color **41.4917, 0.2975, 0.3234** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0774, 0.3295, 0.3345**, and the grayscale version is **40.8548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7489, 0.3002, 0.3247**, and **18.9235, 0.2929, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **38.2378, 0.2826, 0.3173**, and if you desaturate by 10%, it is **45.0609, 0.3127, 0.3290**.

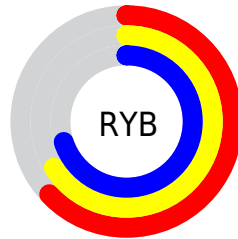
Distribution



Red (63%)

Green (69%)

Blue (70%)



Red (63%)

Yellow (66%)

Blue (70%)

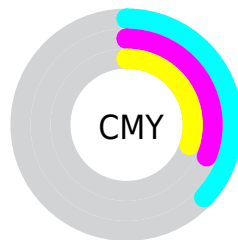


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4917, 0.2975, 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 41.4917, 0.2975, 0.3234 by changing the saturation by 10% instead.

■ 41.4917, 0.2975,
0.3234

■ 41.4917, 0.2975,
0.3234

352.3715, 0.3052,
0.3263

■ 28.7035, 0.2955,
0.3226

■ 77.4298, 0.3003,
0.3245

■ 18.8566, 0.2930,
0.3216

■ 101.3484, 0.3014,
0.3249

■ 11.5667, 0.2895,
0.3203

129.7459, 0.3023,
0.3252

■ 6.4494, 0.2846,
0.3183

163.0068, 0.3030,
0.3255

■ 3.1202, 0.2771,
0.3152

201.5154, 0.3037,
0.3257

■ 1.1948, 0.2642,
0.3096

245.6561, 0.3043,

■ 0.0575, 0.0000,

0.3260

0.1513

295.8134, 0.3048,
0.3261

0.0000, 0.0000,
0.0000

41.4917, 0.2975,
0.3234

41.4917, 0.2975,
0.3234

38.2378, 0.2826,
0.3173

45.0609, 0.3127,
0.3290

35.2825, 0.2681,
0.3106

48.9513, 0.3278,
0.3340

32.6149, 0.2545,
0.3035

53.1749, 0.3427,
0.3385

30.2218, 0.2420,
0.2960

57.7416, 0.3573,
0.3425

28.0884, 0.2309,
0.2882

62.6609, 0.3713,
0.3460

■ 26.1984, 0.2216,
0.2801

■ 65.3052, 0.3738,
0.3499

■ 24.5335, 0.2141,
0.2720

■ 67.1595, 0.3726,
0.3540

■ 23.0721, 0.2085,
0.2639

■ 69.0621, 0.3714,
0.3580

■ 21.7728, 0.2044,
0.2559

■ 71.0132, 0.3702,
0.3620

Harmonies

Analogous

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



41.4917, 0.3008, 0.3305



41.4917, 0.2975, 0.3234



41.4917, 0.2982, 0.3179

Triad

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



41.4917, 0.2975, 0.3234



41.4917, 0.3180, 0.3209



41.4917, 0.3227, 0.3428

Complementary

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



41.4917, 0.2975, 0.3234



39.0774, 0.3295, 0.3345

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.



41.4917, 0.3274, 0.3400



41.4917, 0.2975, 0.3234



41.4917, 0.3247, 0.3274

Square

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



41.4917, 0.2975, 0.3234



41.4917, 0.3100, 0.3166



41.4917, 0.3282, 0.3343



41.4917, 0.3153, 0.3419

Rectangle

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



41.4917, 0.2975, 0.3234



41.4917, 0.3008, 0.3159



41.4917, 0.3282, 0.3343



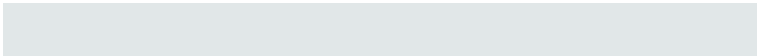
41.4917, 0.3247, 0.3423

Sweetspot

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



41.4934, 0.2975, 0.3234



78.7242, 0.3081, 0.3274



42.5302, 0.3084, 0.3488



17.3262, 0.3069, 0.3269



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.4934, 0.2975, 0.3234



73.0105, 0.2942, 0.3221



38.1521, 0.2974, 0.3109



9.3045, 0.2986, 0.3238



15.4877, 0.2047, 0.2568



0.5667, 0.2109, 0.2792

Inverse Universe

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



38.1798, 0.3174, 0.3101



65.9301, 0.3185, 0.3059



42.3910, 0.3281, 0.3465



8.6137, 0.3170, 0.3115



8.1036, 0.3855, 0.1897



0.2630, 0.3642, 0.1780

Previews

White Background



This preview shows how the Yxy color 41.4917, 0.2975, 0.3234 looks on a white background.

Color Contrast Check

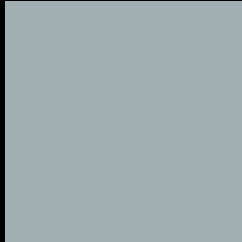
Large Text (above 18pt) WCAG AA × Fail

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 41.4917, 0.2975, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

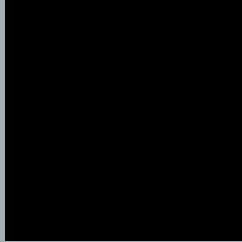
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

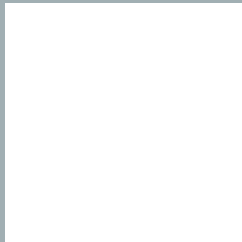
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4917, 0.2975, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 41.4917, 0.2975, 0.3234.



This preview shows how white text looks on a background with the Yxy color 41.4917, 0.2975, 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

41.4917, 0.2975, 0.3234

Protanopia

41.2988, 0.3104, 0.3209

Deuteranopia

41.2879, 0.3172, 0.3106



Tritanopia

41.5413, 0.2921, 0.3111

Trichromacy



Original Color

41.4917, 0.2975, 0.3234

Protanomaly

41.1544, 0.3051, 0.3208

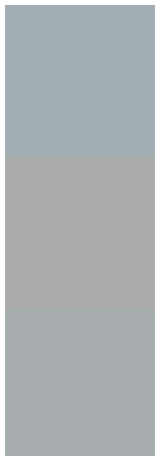
Deuteranomaly

41.2748, 0.3098, 0.3155

Tritanomaly

41.4142, 0.2944, 0.3152

Monochromacy



Original Color

41.4917, 0.2975, 0.3234

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7765, 0.3066, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4917, 0.2975, 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(161, 175, 179)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 179)  
}
```

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(161, 175, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.4917, 0.2975, 0.3234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

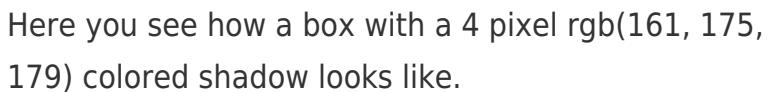
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 175, 179) }
```

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

```
.border{ border-color:rgb(161, 175, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 175, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4917, 0.2975, 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(161, 175, 179) }
```

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

```
.background{ background-color: rgb(161,  
175, 179) }
```

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