

Converting Colors

$Y_{xy}(41.0592, 0.3019, 0.3311)$

Have a look what the booklet for
Yxy(41.0592, 0.3019, 0.3311)
contains.

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Color

Yxy(41.2541, 0.3022, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	A1AFAD
RGB	161, 175, 173
RGB Percent	63%, 69%, 68%
CMY	0.3685, 0.3137, 0.3217
CMYK	0.08, 0.00, 0.01, 0.31
HSL	171°, 8%, 66%
HSV	171°, 8%, 69%
XYZ	37.5738, 41.2541, 45.5063
YIQ	170.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

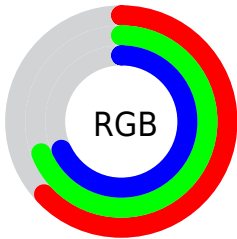
Format	Color
RYB	161, 169, 175
Decimal	10596269
CIELab	70.35, -5.25, -0.65
CIELCh	70, 5.293, 187.015
Yxy	41.2541, 0.3022, 0.3318
Android (android.graphics.Color)	4288786349 (0xFFA1AFAD)
YUV	170.5860, 1.1901, -8.4069
Hunter-Lab	64.2294, -7.9799, 2.9537

Details

The Yxy color **41.2541, 0.3022, 0.3318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2614, 0.3243, 0.3262**, and the grayscale version is **40.5058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3522, 0.3045, 0.3322**, and **18.7976, 0.2982, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **39.4657, 0.2895, 0.3356**, and if you desaturate by 10%, it is **43.3023, 0.3154, 0.3283**.

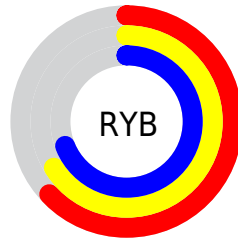
Distribution



Red (63%)

Green (69%)

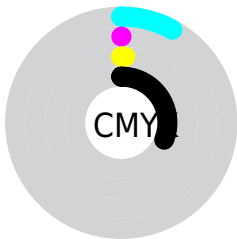
Blue (68%)



Red (63%)

Yellow (66%)

Blue (69%)

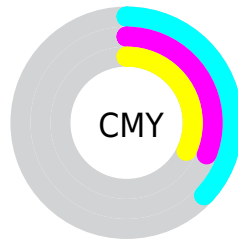


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (37%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2541, 0.3022, 0.3318 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 41.2541, 0.3022, 0.3318 by changing the saturation by 10% instead.


 41.2541, 0.3022,
0.3318

 41.2541, 0.3022,
0.3318


351.3815, 0.3076,
0.3304

 28.5177, 0.3008,
0.3322


 77.0695, 0.3042,
0.3313

 18.7163, 0.2990,
0.3326


 100.9172, 0.3049,
0.3311

 11.4654, 0.2966,
0.3332


129.2375, 0.3055,
0.3309

 6.3808, 0.2932,
0.3341

162.4148, 0.3061,
0.3308

 3.0780, 0.2878,
0.3355

200.8335, 0.3065,
0.3307

 1.1726, 0.2785,
0.3378

244.8779, 0.3069,

 0.0391, 0.0000,

0.3306

0.3083

294.9324, 0.3073,
0.3305

0.0000, 0.0000,
0.0000

41.2541, 0.3022,
0.3318

41.2541, 0.3022,
0.3318

39.4657, 0.2895,
0.3356

43.3023, 0.3154,
0.3283

37.9213, 0.2777,
0.3398

45.6151, 0.3290,
0.3252

36.6116, 0.2670,
0.3442

48.2034, 0.3426,
0.3224

35.5242, 0.2577,
0.3489

51.0763, 0.3561,
0.3199

34.6461, 0.2501,
0.3537

54.2422, 0.3694,
0.3178

■ 33.9625, 0.2442,
0.3587

■ 55.5566, 0.3728,
0.3154

■ 33.4570, 0.2402,
0.3638

■ 55.6668, 0.3705,
0.3128

■ 33.1102, 0.2380,
0.3688

■ 55.7789, 0.3682,
0.3101

■ 32.8906, 0.2375,
0.3739

■ 55.8929, 0.3659,
0.3075

Harmonies

Analogous

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



41.2541, 0.3089, 0.3381



41.2541, 0.3022, 0.3318



41.2541, 0.2983, 0.3248

Triad

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



41.2541, 0.3022, 0.3318



41.2541, 0.3086, 0.3165



41.2541, 0.3274, 0.3388

Complementary

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



41.2541, 0.3022, 0.3318



37.2614, 0.3243, 0.3262

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.



41.2541, 0.3273, 0.3329



41.2541, 0.3022, 0.3318



41.2541, 0.3164, 0.3202

Square

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



41.2541, 0.3022, 0.3318



41.2541, 0.3020, 0.3161



41.2541, 0.3233, 0.3262



41.2541, 0.3235, 0.3421

Rectangle

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



41.2541, 0.3022, 0.3318



41.2541, 0.2978, 0.3207



41.2541, 0.3233, 0.3262



41.2541, 0.3278, 0.3370

Sweetspot

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



41.2558, 0.3022, 0.3318



76.0125, 0.3100, 0.3297



41.0334, 0.3136, 0.3488



16.9036, 0.3102, 0.3297



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.



41.2558, 0.3022, 0.3318



73.1481, 0.2994, 0.3326



39.4664, 0.3006, 0.3221



9.0519, 0.3005, 0.3323



23.5336, 0.2373, 0.3743



0.6600, 0.2331, 0.3591

Inverse Universe

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



37.2614, 0.3243, 0.3262



64.1611, 0.3279, 0.3254



38.9318, 0.3255, 0.3358



8.0335, 0.3264, 0.3257



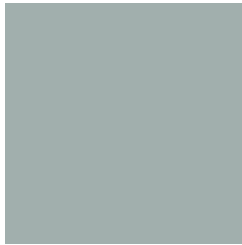
6.5838, 0.6176, 0.3176



0.1888, 0.5516, 0.2813

Previews

White Background



This preview shows how the Yxy color 41.2541, 0.3022, 0.3318 looks on a white background.

Color Contrast Check

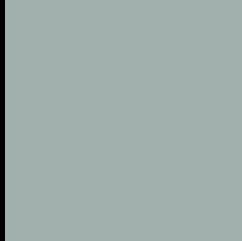
Large Text (above 18pt) WCAG AA × Fail

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 41.2541, 0.3022, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

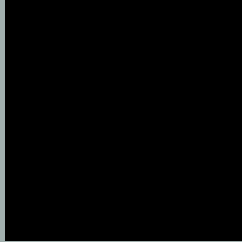
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

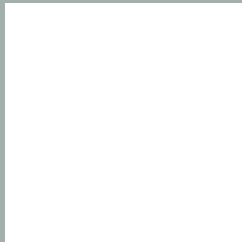
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2541, 0.3022, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 41.2541, 0.3022, 0.3318.



This preview shows how white text looks on a background with the Yxy color 41.2541, 0.3022, 0.3318.

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

41.2541, 0.3022, 0.3318

Protanopia

41.1801, 0.3163, 0.3290

Deuteranopia

40.9324, 0.3244, 0.3172



Tritanopia

41.2615, 0.2929, 0.3098

Trichromacy



Original Color

41.2541, 0.3022, 0.3318

Protanomaly

41.0297, 0.3109, 0.3290

Deuteranomaly

40.8969, 0.3167, 0.3223

Tritanomaly

41.3309, 0.2960, 0.3179

Monochromacy



Original Color

41.2541, 0.3022, 0.3318

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6991, 0.3083, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2541, 0.3022, 0.3318 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.2541, 0.3022, 0.3318 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, 173) }
```

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

```
.border{ border-color:rgb(161, 175, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2541, 0.3022, 0.3318 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, 173) }
```

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

```
.background{ background-color: rgb(161,  
175, 173) }
```

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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