

Converting Colors

$Yxy(41.1313, 0.3013, 0.3413)$

Have a look what the booklet for
Yxy(41.1313, 0.3013, 0.3413)
contains.

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Color

Yxy(41.2400, 0.3010, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	9BB1A8
RGB	155, 177, 168
RGB Percent	61%, 69%, 66%
CMY	0.3919, 0.3059, 0.3411
CMYK	0.12, 0.00, 0.05, 0.31
HSL	155°, 12%, 65%
HSV	155°, 12%, 69%
XYZ	36.3173, 41.2400, 43.0981
YIQ	169.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

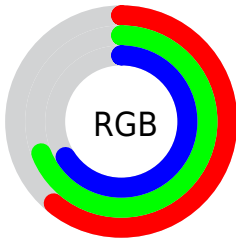
Format	Color
RYB	155, 169, 177
Decimal	10203560
CIELab	70.34, -9.35, 2.02
CIElCh	70, 9.564, 167.793
Yxy	41.2400, 0.3010, 0.3418
Android (android.graphics.Color)	4288393640 (0xFF9BB1A8)
YUV	169.3960, -0.6882, -12.6253
Hunter-Lab	64.2184, -11.4355, 5.1623

Details

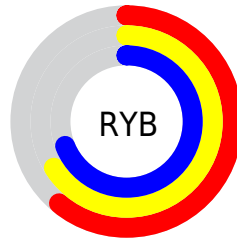
The Yxy color **41.2400, 0.3010, 0.3418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4907, 0.3261, 0.3166**, and the grayscale version is **39.8959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3072, 0.3035, 0.3399**, and **18.6193, 0.2978, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **39.3536, 0.2919, 0.3534**, and if you desaturate by 10%, it is **43.4016, 0.3104, 0.3313**.

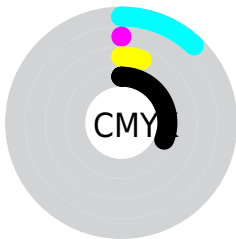
Distribution



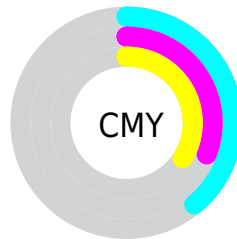
- Red (61%)
- Green (69%)
- Blue (66%)



- Red (61%)
- Yellow (66%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)





- Cyan (39%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2400, 0.3010, 0.3418 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 41.2400, 0.3010, 0.3418 by changing the saturation by 10% instead.


 41.2400, 0.3010,
0.3418


 41.2400, 0.3010,
0.3418


351.3227, 0.3070,
0.3352

 28.5067, 0.2995,
0.3435


 77.0481, 0.3032,
0.3394

 18.7079, 0.2974,
0.3457


 100.8916, 0.3040,
0.3385

 11.4594, 0.2947,
0.3488


129.2074, 0.3047,
0.3377

 6.3767, 0.2907,
0.3532

162.3797, 0.3053,
0.3371

 3.0755, 0.2846,
0.3601

200.7930, 0.3058,
0.3365

 1.1713, 0.2736,
0.3725

244.8316, 0.3063,

 0.0381, 0.0000,

0.3360

1.0000

294.8801, 0.3067,
0.3356

0.0000, 0.0000,
0.0000

41.2400, 0.3010,
0.3418

41.2400, 0.3010,
0.3418

39.3536, 0.2919,
0.3534

43.4016, 0.3104,
0.3313

37.7258, 0.2835,
0.3661

45.8439, 0.3200,
0.3220

36.3463, 0.2760,
0.3799

48.5788, 0.3296,
0.3137

35.2017, 0.2697,
0.3945

51.6157, 0.3390,
0.3063

34.2778, 0.2649,
0.4098

54.9639, 0.3481,
0.2999

■ 33.5583, 0.2619,
0.4256

■ 57.4263, 0.3516,
0.2936

■ 33.0249, 0.2609,
0.4414

■ 57.7990, 0.3454,
0.2864

■ 32.6557, 0.2619,
0.4570

■ 58.1882, 0.3393,
0.2793

■ 32.4500, 0.2635,
0.4686

■ 58.5943, 0.3334,
0.2724

Harmonies

Analogous

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



41.2400, 0.3147, 0.3507



41.2400, 0.3010, 0.3418



41.2400, 0.2906, 0.3293

Triad

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



41.2400, 0.3010, 0.3418



41.2400, 0.2972, 0.3054



41.2400, 0.3402, 0.3400

Complementary

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



41.2400, 0.3010, 0.3418



35.4907, 0.3261, 0.3166

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.



41.2400, 0.3353, 0.3281



41.2400, 0.3010, 0.3418



41.2400, 0.3103, 0.3085

Square

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



41.2400, 0.3010, 0.3418



41.2400, 0.2884, 0.3084



41.2400, 0.3243, 0.3167



41.2400, 0.3375, 0.3494

Rectangle

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



41.2400, 0.3010, 0.3418



41.2400, 0.2868, 0.3209



41.2400, 0.3243, 0.3167



41.2400, 0.3394, 0.3362

Sweetspot

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



41.2417, 0.3010, 0.3418



77.0582, 0.3088, 0.3330



41.7215, 0.3193, 0.3601



16.6354, 0.3081, 0.3338



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.



41.2417, 0.3010, 0.3418



72.8553, 0.2984, 0.3450



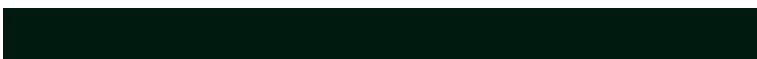
40.8710, 0.2941, 0.3264



9.5715, 0.3039, 0.3385



23.5272, 0.2631, 0.4670



0.7515, 0.2511, 0.4240

Inverse Universe

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



35.4907, 0.3261, 0.3166



60.4158, 0.3297, 0.3135



35.7909, 0.3344, 0.3316



8.5610, 0.3225, 0.3197



7.1269, 0.5305, 0.2696



0.2360, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 41.2400, 0.3010, 0.3418 looks on a white background.

Color Contrast Check

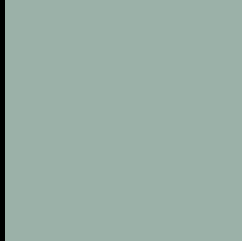
Large Text (above 18pt) WCAG AA × Fail

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 41.2400, 0.3010, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

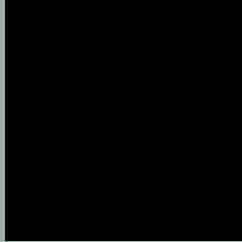
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

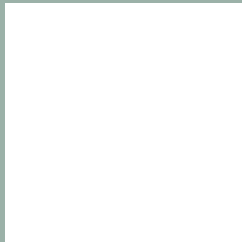
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2400, 0.3010, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 41.2400, 0.3010, 0.3418.



This preview shows how white text looks on a background with the Yxy color 41.2400, 0.3010, 0.3418.

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

41.2400, 0.3010, 0.3418

Protanopia

41.0725, 0.3224, 0.3372

Deuteranopia

40.9935, 0.3308, 0.3238



Tritanopia

41.1720, 0.2881, 0.3096

Trichromacy



Original Color

41.2400, 0.3010, 0.3418

Protanomaly

40.9651, 0.3140, 0.3388

Deuteranomaly

40.9611, 0.3200, 0.3304

Tritanomaly

41.1642, 0.2926, 0.3205

Monochromacy



Original Color

41.2400, 0.3010, 0.3418

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2621, 0.3081, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2400, 0.3010, 0.3418 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(155, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 168)  
}
```

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(155, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 168) }
```

Border

The CSS property to change the border of an element to Yxy 41.2400, 0.3010, 0.3418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

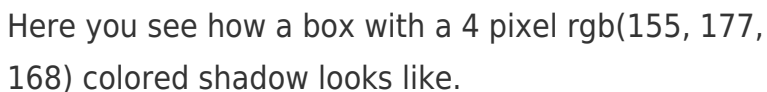
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 177, 168) }
```

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

```
.border{ border-color:rgb(155, 177, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 177, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 177, 168); box-shadow:4px 4px 4px 4px rgb(155, 177, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2400, 0.3010, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 168) }
```

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

```
.background{ background-color: rgb(155,  
177, 168) }
```

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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