

Converting Colors

$Y_{xy}(41.0818, 0.2889, 0.3129)$

Have a look what the booklet for
Yxy(41.0818, 0.2889, 0.3129)
contains.

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Color

Yxy(40.9854, 0.2888, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	9DAEBA
RGB	157, 174, 186
RGB Percent	62%, 68%, 73%
CMY	0.3843, 0.3176, 0.2707
CMYK	0.16, 0.06, 0.00, 0.27
HSL	205°, 17%, 67%
HSV	205°, 16%, 73%
XYZ	37.9013, 40.9854, 52.3505
YIQ	170.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

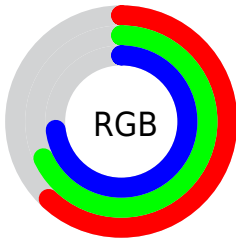
Format	Color
R _{YB}	157, 168, 186
Decimal	10333882
CIE Lab	70.17, -3.38, -8.12
CIE LCh	70, 8.795, 247.396
Yxy	40.9854, 0.2888, 0.3123
Android (android.graphics.Color)	4288523962 (0xFF9DAEBA)
YUV	170.2850, 7.7475, -11.6509
Hunter-Lab	64.0198, -6.3583, -3.6690

Details

The Yxy color **40.9854, 0.2888, 0.3123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2338, 0.3391, 0.3451**, and the grayscale version is **40.3142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4465, 0.2934, 0.3150**, and **18.6158, 0.2812, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **36.3730, 0.2732, 0.3001**, and if you desaturate by 10%, it is **46.0557, 0.3043, 0.3233**.

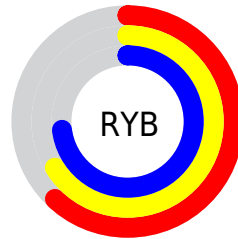
Distribution



Red (62%)

Green (68%)

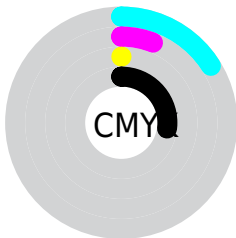
Blue (73%)



Red (62%)

Yellow (66%)

Blue (73%)

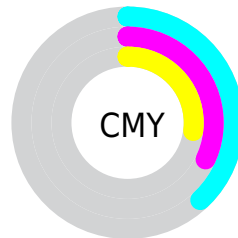


Cyan (16%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (38%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9854, 0.2888, 0.3123 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 40.9854, 0.2888, 0.3123 by changing the saturation by 10% instead.

 40.9854, 0.2888,
0.3123

 40.9854, 0.2888,
0.3123


350.2596, 0.3009,
0.3209

 28.3077, 0.2857,
0.3101


 76.6617, 0.2933,
0.3155

 18.5577, 0.2817,
0.3072


 100.4291, 0.2949,
0.3167

 11.3511, 0.2763,
0.3033


128.6619, 0.2963,
0.3176

 6.3035, 0.2687,
0.2976

161.7444, 0.2975,
0.3185

 3.0305, 0.2571,
0.2889

200.0610, 0.2985,
0.3192

 1.1477, 0.2373,
0.2735

243.9961, 0.2994,

 0.0183, 0.0000,

0.3198

0.0303

293.9342, 0.3002,
0.3204

0.0000, 0.0000,
0.0000

40.9854, 0.2888,
0.3123

40.9854, 0.2888,
0.3123

36.3730, 0.2732,
0.3001

46.0557, 0.3043,
0.3233

32.1977, 0.2576,
0.2869

51.5935, 0.3193,
0.3332

28.4445, 0.2426,
0.2726

57.6144, 0.3338,
0.3421

25.0954, 0.2284,
0.2575

64.1320, 0.3476,
0.3499

22.1309, 0.2155,
0.2418

71.1589, 0.3606,
0.3567

■ 19.5291, 0.2043,
0.2258

■ 76.0389, 0.3625,
0.3640

■ 17.2653, 0.1952,
0.2099

■ 80.1661, 0.3605,
0.3716

■ 15.3091, 0.1882,
0.1944

■ 84.4811, 0.3585,
0.3789

■ 14.5155, 0.1855,
0.1877

■ 88.9861, 0.3566,
0.3861

Harmonies

Analogous

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



40.9854, 0.2888, 0.3217



40.9854, 0.2888, 0.3123



40.9854, 0.2950, 0.3076

Triad

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



40.9854, 0.2888, 0.3123



40.9854, 0.3305, 0.3243



40.9854, 0.3191, 0.3506

Complementary

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



40.9854, 0.2888, 0.3123



41.2338, 0.3391, 0.3451

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.



40.9854, 0.3305, 0.3509



40.9854, 0.2888, 0.3123



40.9854, 0.3372, 0.3355

Square

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



40.9854, 0.2888, 0.3123



40.9854, 0.3190, 0.3146



40.9854, 0.3372, 0.3452



40.9854, 0.3061, 0.3442

Rectangle

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



40.9854, 0.2888, 0.3123



40.9854, 0.3020, 0.3075



40.9854, 0.3372, 0.3452



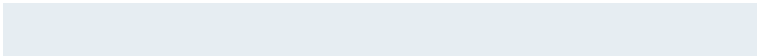
40.9854, 0.3232, 0.3514

Sweetspot

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



40.9871, 0.2888, 0.3123



83.9833, 0.3050, 0.3239



45.1230, 0.3021, 0.3533



18.3448, 0.3039, 0.3231



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.9871, 0.2888, 0.3123



71.0950, 0.2830, 0.3079



35.8196, 0.2880, 0.2921



9.5718, 0.2985, 0.3193



9.9194, 0.1860, 0.1896



0.4686, 0.1971, 0.2295

Inverse Universe

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



37.6070, 0.3254, 0.3064



63.8425, 0.3290, 0.3007



46.7672, 0.3363, 0.3634



9.0983, 0.3199, 0.3157



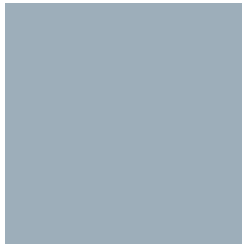
7.7837, 0.4572, 0.2292



0.2864, 0.4132, 0.2050

Previews

White Background



This preview shows how the Yxy color 40.9854, 0.2888, 0.3123 looks on a white background.

Color Contrast Check

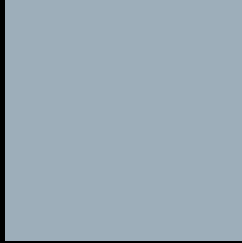
Large Text (above 18pt) WCAG AA × Fail

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 40.9854, 0.2888, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

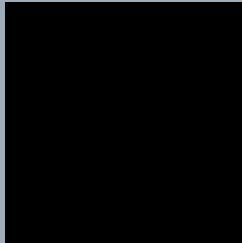
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

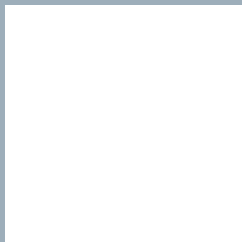
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9854, 0.2888, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 40.9854, 0.2888, 0.3123.



This preview shows how white text looks on a background with the Yxy color 40.9854, 0.2888, 0.3123.

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

40.9854, 0.2888, 0.3123

Protanopia

40.8681, 0.3021, 0.3100

Deuteranopia

40.9286, 0.3076, 0.3026



Tritanopia

41.0710, 0.2873, 0.3095

Trichromacy



Original Color

40.9854, 0.2888, 0.3123

Protanomaly

40.7356, 0.2970, 0.3098

Deuteranomaly

41.1080, 0.3005, 0.3061

Tritanomaly

41.0281, 0.2880, 0.3109

Monochromacy



Original Color

40.9854, 0.2888, 0.3123

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.2597, 0.3033, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9854, 0.2888, 0.3123 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, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(157, 174, 186)  
}
```

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, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 174, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.9854, 0.2888, 0.3123 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, 174, 186) }
```

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

```
.border{ border-color:rgb(157, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(157, 174,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9854, 0.2888, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 174, 186) }
```

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

```
.background{ background-color: rgb(157,  
174, 186) }
```

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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