

Converting Colors

$Y_{xy}(41.0190, 0.2847, 0.3045)$

Have a look what the booklet for
Yxy(41.0190, 0.2847, 0.3045)
contains.

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Color

Yxy(41.2018, 0.2851, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	9DAEBF
RGB	157, 174, 191
RGB Percent	62%, 68%, 75%
CMY	0.3841, 0.3177, 0.2510
CMYK	0.18, 0.09, 0.00, 0.25
HSL	210°, 21%, 68%
HSV	210°, 18%, 75%
XYZ	38.4505, 41.2018, 55.2145
YIQ	170.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

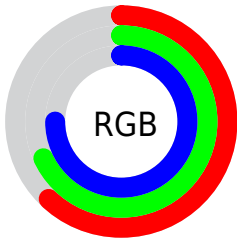
Format	Color
RYB	157, 168, 191
Decimal	10333887
CIELab	70.32, -2.26, -10.67
CIELCh	70, 10.903, 258.015
Yxy	41.2018, 0.2851, 0.3055
Android (android.graphics.Color)	4288523967 (0xFF9DAEBF)
YUV	170.8550, 9.9315, -12.1508
Hunter-Lab	64.1886, -5.4043, -6.0687

Details

The Yxy color **41.2018, 0.2851, 0.3055** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8030, 0.3427, 0.3514**, and the grayscale version is **40.6074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7511, 0.2905, 0.3098**, and **18.7573, 0.2763, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **35.8642, 0.2689, 0.2903**, and if you desaturate by 10%, it is **47.1064, 0.3009, 0.3193**.

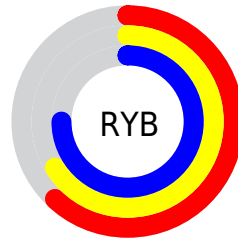
Distribution



Red (62%)

Green (68%)

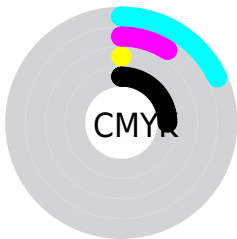
Blue (75%)



Red (62%)

Yellow (66%)

Blue (75%)

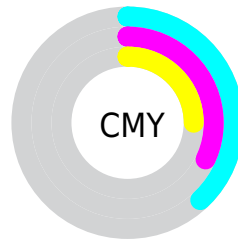


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2018, 0.2851, 0.3055 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 41.2018, 0.2851, 0.3055 by changing the saturation by 10% instead.

■ 41.2018, 0.2851,
0.3055

■ 41.2018, 0.2851,
0.3055

351.1633, 0.2991,
0.3175

■ 28.4768, 0.2816,
0.3024

■ 76.9901, 0.2902,
0.3099

■ 18.6854, 0.2770,
0.2984

■ 100.8223, 0.2921,
0.3116

■ 11.4432, 0.2708,
0.2930

129.1256, 0.2938,
0.3129

■ 6.3657, 0.2621,
0.2854

162.2844, 0.2951,
0.3141

■ 3.0687, 0.2489,
0.2736

200.6832, 0.2963,
0.3151

■ 1.1677, 0.2267,
0.2534

244.7064, 0.2974,

■ 0.0351, 0.0000,

0.3160

0.0429

294.7383, 0.2983,
0.3168

0.0000, 0.0000,
0.0000

41.2018, 0.2851,
0.3055

41.2018, 0.2851,
0.3055

35.8642, 0.2689,
0.2903

47.1064, 0.3009,
0.3193

31.0692, 0.2527,
0.2737

53.5911, 0.3160,
0.3316

26.7977, 0.2368,
0.2558

60.6751, 0.3304,
0.3426

23.0277, 0.2216,
0.2370

68.3748, 0.3439,
0.3523

19.7349, 0.2078,
0.2176

76.7063, 0.3566,
0.3608

■ 16.8925, 0.1958,
0.1981

■ 82.3903, 0.3562,
0.3699

■ 14.4701, 0.1860,
0.1791

■ 87.9041, 0.3539,
0.3790

■ 12.4250, 0.1785,
0.1610

■ 93.7154, 0.3518,
0.3879

■ 12.0075, 0.1770,
0.1571

■ 96.5415, 0.3508,
0.3919

Harmonies

Analogous

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



41.2018, 0.2823, 0.3152



41.2018, 0.2851, 0.3055



41.2018, 0.2951, 0.3022

Triad

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



41.2018, 0.2851, 0.3055



41.2018, 0.3386, 0.3280



41.2018, 0.3148, 0.3538

Complementary

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



41.2018, 0.2851, 0.3055



43.8030, 0.3427, 0.3514

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.



41.2018, 0.3301, 0.3569



41.2018, 0.2851, 0.3055



41.2018, 0.3441, 0.3415

Square

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



41.2018, 0.2851, 0.3055



41.2018, 0.3260, 0.3151



41.2018, 0.3409, 0.3522



41.2018, 0.2992, 0.3435

Rectangle

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



41.2018, 0.2851, 0.3055



41.2018, 0.3047, 0.3038



41.2018, 0.3409, 0.3522



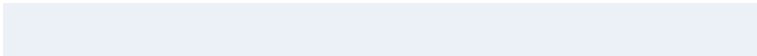
41.2018, 0.3202, 0.3558

Sweetspot

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



41.2035, 0.2851, 0.3055



87.3992, 0.3050, 0.3228



47.4900, 0.2982, 0.3524



19.0150, 0.3039, 0.3218



97.7402, 0.3127, 0.3290



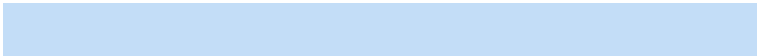
20.4902, 0.3127, 0.3290

Same Dimension

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



41.2035, 0.2851, 0.3055



70.2835, 0.2794, 0.3003



35.0631, 0.2839, 0.2813



9.9909, 0.2984, 0.3172



8.0524, 0.1776, 0.1595



0.4463, 0.1898, 0.2032

Inverse Universe

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



38.2608, 0.3303, 0.3068



64.2888, 0.3346, 0.3022



50.7726, 0.3391, 0.3726



9.6137, 0.3212, 0.3176



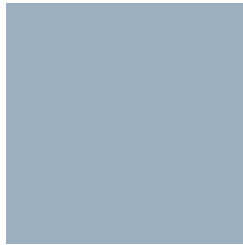
7.8426, 0.4938, 0.2494



0.3204, 0.4417, 0.2207

Previews

White Background



This preview shows how the Yxy color 41.2018, 0.2851, 0.3055 looks on a white background.

Color Contrast Check

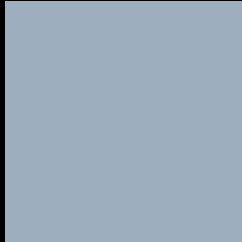
Large Text (above 18pt) WCAG AA × Fail

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 41.2018, 0.2851, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

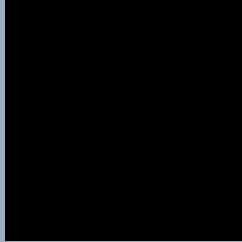
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

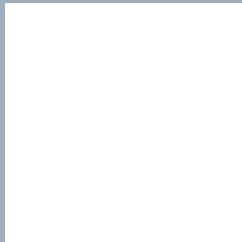
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2018, 0.2851, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 41.2018, 0.2851, 0.3055.



This preview shows how white text looks on a background with the Yxy color 41.2018, 0.2851, 0.3055.

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

41.2018, 0.2851, 0.3055

Protanopia

41.3460, 0.2972, 0.3048

Deuteranopia

41.0269, 0.3026, 0.2962



Tritanopia

41.0710, 0.2873, 0.3095

Trichromacy



Original Color

41.2018, 0.2851, 0.3055

Protanomaly

41.2221, 0.2923, 0.3045

Deuteranomaly

41.2131, 0.2957, 0.2996

Tritanomaly

41.1143, 0.2865, 0.3082

Monochromacy



Original Color

41.2018, 0.2851, 0.3055

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8264, 0.3025, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2018, 0.2851, 0.3055 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 174, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 174, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.2018, 0.2851, 0.3055 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, 191) }
```

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

```
.border{ border-color:rgb(157, 174, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(157, 174,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2018, 0.2851, 0.3055 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, 191) }
```

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

```
.background{ background-color: rgb(157,  
174, 191) }
```

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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