

Converting Colors

$Y_{xy}(40.1366, 0.2970, 0.3058)$

Have a look what the booklet for
Yxy(40.1366, 0.2970, 0.3058)
contains.

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Color

Yxy(40.1366, 0.2970, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	A7A9BA
RGB	167, 169, 186
RGB Percent	65%, 66%, 73%
CMY	0.3452, 0.3372, 0.2707
CMYK	0.10, 0.09, 0.00, 0.27
HSL	234°, 12%, 69%
HSV	234°, 10%, 73%
XYZ	38.9816, 40.1366, 52.1330
YIQ	170.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

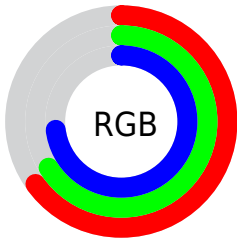
Format	Color
RYB	167, 169, 186
Decimal	10987962
CIELab	69.57, 2.67, -8.94
CIELCh	70, 9.324, 286.608
Yxy	40.1366, 0.2970, 0.3058
Android (android.graphics.Color)	4289178042 (0xFFA7A9BA)
YUV	170.3400, 7.7204, -2.9292
Hunter-Lab	63.3535, -1.0369, -4.4418

Details

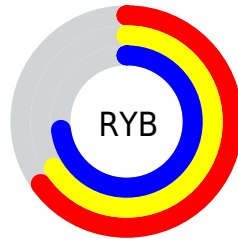
The Yxy color $40.1366, 0.2970, 0.3058$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.4821, 0.3280, 0.3512$, and the grayscale version is $40.3389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2517, 0.2999, 0.3100$, and $18.0609, 0.2921, 0.2987$ is the 20% darker color. If you saturate the color by 10%, you get $32.4646, 0.2799, 0.2801$, and if you desaturate by 10%, it is $48.8880, 0.3124, 0.3285$.

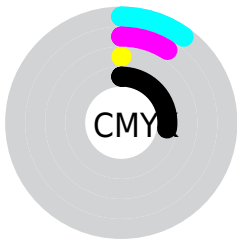
Distribution



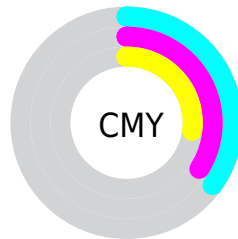
- Red (65%)
- Green (66%)
- Blue (73%)



- Red (65%)
- Yellow (66%)
- Blue (73%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.1366, 0.2970, 0.3058 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 40.1366, 0.2970, 0.3058 by changing the saturation by 10% instead.

■ 40.1366, 0.2970,
0.3058

■ 40.1366, 0.2970,
0.3058

■ 346.6990, 0.3051,
0.3176

■ 27.6451, 0.2949,
0.3028

■ 75.3715, 0.3000,
0.3101

■ 18.0583, 0.2922,
0.2989

■ 98.8836, 0.3011,
0.3117

■ 10.9918, 0.2885,
0.2937

■ 126.8381, 0.3020,
0.3131

■ 6.0613, 0.2833,
0.2862

■ 159.6192, 0.3028,
0.3143

■ 2.8824, 0.2751,
0.2748

■ 197.6115, 0.3035,
0.3153

■ 1.0707, 0.2608,
0.2554

■ 241.1993, 0.3041,

■ 0.0000, 0.0329,

0.3161

0.0000

290.7670, 0.3046,
0.3169

0.0000, 0.0000,
0.0000

40.1366, 0.2970,
0.3058

40.1366, 0.2970,
0.3058

32.4646, 0.2799,
0.2801

48.8880, 0.3124,
0.3285

25.8253, 0.2612,
0.2516

58.7532, 0.3261,
0.3484

20.1759, 0.2413,
0.2207

69.7712, 0.3381,
0.3657

15.4688, 0.2210,
0.1885

81.9777, 0.3487,
0.3806

11.6525, 0.2013,
0.1563

94.4526, 0.3545,
0.3943

■ 8.6703, 0.1835,
0.1262

■ 96.3241, 0.3538,
0.3969

■ 6.4590, 0.1688,
0.1002

■ 4.9464, 0.1583,
0.0803

■ 4.0415, 0.1521,
0.0675

Harmonies

Analogous

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



40.1366, 0.2886, 0.3090



40.1366, 0.2970, 0.3058



40.1366, 0.3098, 0.3086

Triad

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



40.1366, 0.2970, 0.3058



40.1366, 0.3397, 0.3394



40.1366, 0.3017, 0.3420

Complementary

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



40.1366, 0.2970, 0.3058



47.4821, 0.3280, 0.3512

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.



40.1366, 0.3152, 0.3506



40.1366, 0.2970, 0.3058



40.1366, 0.3373, 0.3488

Square

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



40.1366, 0.2970, 0.3058



40.1366, 0.3346, 0.3276



40.1366, 0.3283, 0.3530



40.1366, 0.2912, 0.3298

Rectangle

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



40.1366, 0.2970, 0.3058



40.1366, 0.3191, 0.3134



40.1366, 0.3283, 0.3530



40.1366, 0.3060, 0.3455

Sweetspot

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



40.1383, 0.2970, 0.3058



83.9382, 0.3082, 0.3224



46.7715, 0.2989, 0.3319



18.1955, 0.3070, 0.3206



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.



40.1383, 0.2970, 0.3058



69.8609, 0.2937, 0.3009



40.2027, 0.3034, 0.3035



8.8702, 0.2984, 0.3079



2.7754, 0.1524, 0.0687



0.1493, 0.1608, 0.0989

Inverse Universe

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



40.9310, 0.3287, 0.3263



71.5737, 0.3322, 0.3258



47.4442, 0.3214, 0.3542



9.0274, 0.3271, 0.3266



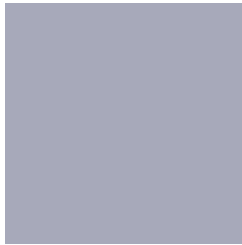
7.0625, 0.6254, 0.3219



0.2542, 0.5776, 0.2955

Previews

White Background



This preview shows how the Yxy color 40.1366, 0.2970, 0.3058 looks on a white background.

Color Contrast Check

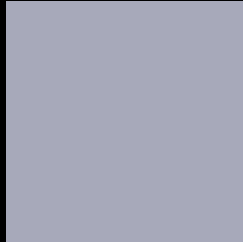
Large Text (above 18pt) WCAG AA × Fail

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 40.1366, 0.2970, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

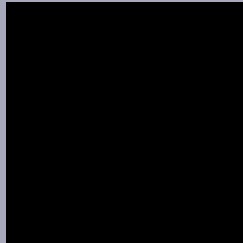
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1366, 0.2970, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 40.1366, 0.2970, 0.3058.



This preview shows how white text looks on a background with the Yxy color 40.1366, 0.2970, 0.3058.

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

40.1366, 0.2970, 0.3058

Protanopia

40.2459, 0.2979, 0.3058

Deuteranopia

39.9631, 0.3059, 0.2997



Tritanopia

40.2753, 0.2985, 0.3111

Trichromacy



Original Color

40.1366, 0.2970, 0.3058

Protanomaly

40.2459, 0.2979, 0.3058

Deuteranomaly

39.8590, 0.3023, 0.3008

Tritanomaly

40.3171, 0.2977, 0.3098

Monochromacy



Original Color

40.1366, 0.2970, 0.3058

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3191, 0.3068, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1366, 0.2970, 0.3058 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(167, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 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(167, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.1366, 0.2970, 0.3058 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(167, 169, 186) }
```

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

```
.border{ border-color:rgb(167, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1366, 0.2970, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 186) }
```

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

```
.background{ background-color: rgb(167,  
169, 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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