

Converting Colors

$Y_{xy}(41.0301, 0.3002, 0.3057)$

Have a look what the booklet for
Yxy(41.0301, 0.3002, 0.3057)
contains.

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Color

Yxy(41.1080, 0.3005, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	ACAABB
RGB	172, 170, 187
RGB Percent	67%, 67%, 73%
CMY	0.3256, 0.3333, 0.2666
CMYK	0.08, 0.09, 0.00, 0.27
HSL	247°, 11%, 70%
HSV	247°, 9%, 73%
XYZ	40.3559, 41.1080, 52.8320
YIQ	172.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

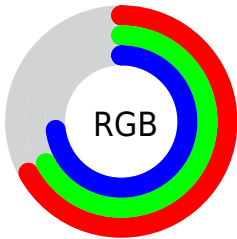
Format	Color
R_{YB}	172, 170, 187
Decimal	11315899
CIE _{Lab}	70.25, 4.03, -8.45
CIE _{LCh}	70, 9.362, 295.489
Yxy	41.1080, 0.3005, 0.3061
Android (android.graphics.Color)	4289505979 (0xFFACAABB)
YUV	172.5360, 7.1308, -0.4701
Hunter-Lab	64.1155, 0.1503, -3.9749

Details

The Yxy color $41.1080, 0.3005, 0.3061$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.7719, 0.3243, 0.3511$, and the grayscale version is $41.5056, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.6524, 0.3027, 0.3102$, and $18.6712, 0.2970, 0.2993$ is the 20% darker color. If you saturate the color by 10%, you get $32.8336, 0.2853, 0.2780$, and if you desaturate by 10%, it is $50.6161, 0.3138, 0.3311$.

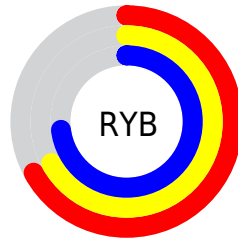
Distribution



Red (67%)

Green (67%)

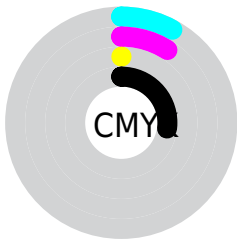
Blue (73%)



Red (67%)

Yellow (67%)

Blue (73%)

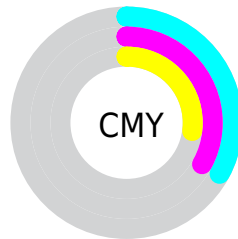


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1080, 0.3005, 0.3061 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 41.1080, 0.3005, 0.3061 by changing the saturation by 10% instead.

■ 41.1080, 0.3005,
0.3061

■ 41.1080, 0.3005,
0.3061

■ 350.7718, 0.3068,
0.3177

■ 28.4035, 0.2989,
0.3032

■ 76.8478, 0.3028,
0.3103

■ 18.6300, 0.2968,
0.2994

■ 100.6519, 0.3037,
0.3119

■ 11.4033, 0.2939,
0.2943

■ 128.9246, 0.3044,
0.3132

■ 6.3388, 0.2898,
0.2872

■ 162.0504, 0.3050,
0.3144

■ 3.0521, 0.2835,
0.2763

■ 200.4136, 0.3055,
0.3154

■ 1.1590, 0.2724,
0.2580

■ 244.3987, 0.3060,

■ 0.0278, 0.1613,

0.3162

0.0360

294.3899, 0.3064,
0.3170

0.0000, 0.0000,
0.0000

41.1080, 0.3005,
0.3061

41.1080, 0.3005,
0.3061

32.8336, 0.2853,
0.2780

50.6161, 0.3138,
0.3311

25.7372, 0.2681,
0.2470

61.4002, 0.3254,
0.3531

19.7668, 0.2494,
0.2138

73.5070, 0.3353,
0.3723

14.8641, 0.2297,
0.1796

86.9791, 0.3438,
0.3890

10.9660, 0.2098,
0.1462

96.3017, 0.3529,
0.3959

■ 8.0023, 0.1912,
0.1158

■ 96.3687, 0.3532,
0.3959

■ 5.8939, 0.1751,
0.0909

■ 4.5484, 0.1628,
0.0733

■ 3.8097, 0.1547,
0.0630

Harmonies

Analogous

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



41.1080, 0.2906, 0.3075



41.1080, 0.3005, 0.3061



41.1080, 0.3139, 0.3105

Triad

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



41.1080, 0.3005, 0.3061



41.1080, 0.3397, 0.3425



41.1080, 0.2982, 0.3386

Complementary

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



41.1080, 0.3005, 0.3061



48.7719, 0.3243, 0.3511

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.



41.1080, 0.3111, 0.3486



41.1080, 0.3005, 0.3061



41.1080, 0.3352, 0.3506

Square

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



41.1080, 0.3005, 0.3061



41.1080, 0.3367, 0.3312



41.1080, 0.3247, 0.3529



41.1080, 0.2893, 0.3261

Rectangle

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



41.1080, 0.3005, 0.3061



41.1080, 0.3230, 0.3162



41.1080, 0.3247, 0.3529



41.1080, 0.3022, 0.3424

Sweetspot

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



41.1097, 0.3005, 0.3061



83.6355, 0.3088, 0.3216



46.9672, 0.2989, 0.3267



18.1120, 0.3077, 0.3196



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.



41.1097, 0.3005, 0.3061



70.3466, 0.2975, 0.3005



42.0704, 0.3077, 0.3066



9.2769, 0.3001, 0.3054



2.6039, 0.1547, 0.0626



0.1197, 0.1702, 0.0711

Inverse Universe

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



42.8246, 0.3154, 0.3095



74.0712, 0.3161, 0.3050



47.7769, 0.3173, 0.3516



9.6767, 0.3155, 0.3090



9.1658, 0.3521, 0.1713



0.3645, 0.3437, 0.1667

Previews

White Background



This preview shows how the Yxy color 41.1080, 0.3005, 0.3061 looks on a white background.

Color Contrast Check

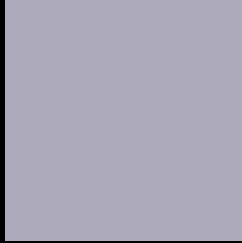
Large Text (above 18pt) WCAG AA × Fail

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 41.1080, 0.3005, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

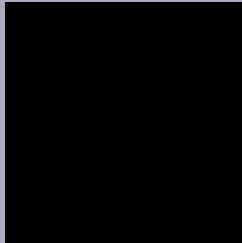
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1080, 0.3005, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 41.1080, 0.3005, 0.3061.



This preview shows how white text looks on a background with the Yxy color 41.1080, 0.3005, 0.3061.

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

41.1080, 0.3005, 0.3061

Protanopia

41.2597, 0.2988, 0.3074

Deuteranopia

41.0920, 0.3077, 0.3014



Tritanopia

41.2444, 0.3021, 0.3114

Trichromacy



Original Color

41.1080, 0.3005, 0.3061

Protanomaly

41.3716, 0.2997, 0.3074

Deuteranomaly

41.1011, 0.3050, 0.3025

Tritanomaly

41.2865, 0.3013, 0.3101

Monochromacy



Original Color

41.1080, 0.3005, 0.3061

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6036, 0.3087, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1080, 0.3005, 0.3061 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(172, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 187)  
}
```

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(172, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 187) }
```

Border

The CSS property to change the border of an element to Yxy 41.1080, 0.3005, 0.3061 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(172, 170, 187) }
```

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

```
.border{ border-color:rgb(172, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1080, 0.3005, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 187) }
```

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

```
.background{ background-color: rgb(172,  
170, 187) }
```

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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