

Converting Colors

$Yxy(40.8741, 0.3009, 0.3028)$

Have a look what the booklet for
Yxy(40.8741, 0.3009, 0.3028)
contains.

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Color

Yxy(41.0054, 0.3015, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	AEA9BC
RGB	174, 169, 188
RGB Percent	68%, 66%, 74%
CMY	0.3176, 0.3373, 0.2628
CMYK	0.07, 0.10, 0.00, 0.26
HSL	256°, 12%, 70%
HSV	256°, 10%, 74%
XYZ	40.7218, 41.0054, 53.3367
YIQ	172.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

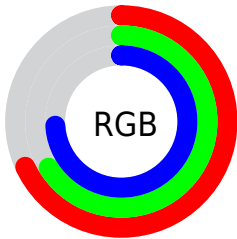
Format	Color
RYB	174, 169, 188
Decimal	11446716
CIELab	70.18, 5.47, -9.07
CIELCh	70, 10.595, 301.086
Yxy	41.0054, 0.3015, 0.3036
Android (android.graphics.Color)	4289636796 (0xFFAEA9BC)
YUV	172.6610, 7.5621, 1.1743
Hunter-Lab	64.0355, 1.4506, -4.5593

Details

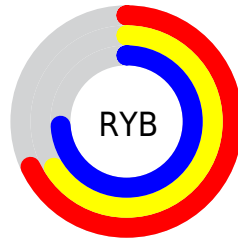
The Yxy color **41.0054, 0.3015, 0.3036** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.8885, 0.3232, 0.3538**, and the grayscale version is **41.5711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6660, 0.3041, 0.3083**, and **18.6094, 0.2983, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **33.0002, 0.2887, 0.2758**, and if you desaturate by 10%, it is **50.1833, 0.3126, 0.3288**.

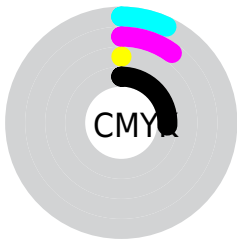
Distribution



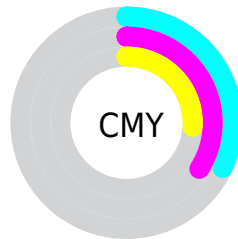
- Red (68%)
- Green (66%)
- Blue (74%)



- Red (68%)
- Yellow (66%)
- Blue (74%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)




- Cyan (32%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0054, 0.3015, 0.3036 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 41.0054, 0.3015, 0.3036 by changing the saturation by 10% instead.


 41.0054, 0.3015,
0.3036

 41.0054, 0.3015,
0.3036


350.3432, 0.3073,
0.3164

 28.3233, 0.3000,
0.3004


 76.6921, 0.3036,
0.3083

 18.5695, 0.2980,
0.2962


 100.4655, 0.3044,
0.3100

 11.3596, 0.2954,
0.2906


128.7047, 0.3051,
0.3115

 6.3093, 0.2916,
0.2828

161.7943, 0.3057,
0.3128

 3.0340, 0.2856,
0.2710

200.1185, 0.3062,
0.3139

 1.1495, 0.2751,
0.2511

244.0618, 0.3066,

 0.0199, 0.1840,

0.3148

0.0240

294.0086, 0.3069,
0.3157

■ 0.0000, 0.0000,
0.0000

■ 41.0054, 0.3015,
0.3036

■ 41.0054, 0.3015,
0.3036

■ 33.0002, 0.2887,
0.2758

■ 50.1833, 0.3126,
0.3288

■ 26.1149, 0.2742,
0.2456

■ 60.5735, 0.3222,
0.3512

■ 20.3002, 0.2582,
0.2136

■ 72.2203, 0.3303,
0.3711

■ 15.5012, 0.2410,
0.1811

■ 85.1640, 0.3372,
0.3886

■ 11.6580, 0.2232,
0.1495

■ 94.2365, 0.3446,
0.3967

■ 8.7043, 0.2058,
0.1209

■ 96.4102, 0.3526,
0.3949

■ 6.5649, 0.1899,
0.0972

■ 5.1516, 0.1764,
0.0799

■ 4.2998, 0.1659,
0.0688

Harmonies

Analogous

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



41.0054, 0.2893, 0.3039



41.0054, 0.3015, 0.3036



41.0054, 0.3170, 0.3097

Triad

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



41.0054, 0.3015, 0.3036



41.0054, 0.3429, 0.3463



41.0054, 0.2939, 0.3373

Complementary

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



41.0054, 0.3015, 0.3036



48.8885, 0.3232, 0.3538

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.



41.0054, 0.3079, 0.3495



41.0054, 0.3015, 0.3036



41.0054, 0.3364, 0.3545

Square

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



41.0054, 0.3015, 0.3036



41.0054, 0.3412, 0.3339



41.0054, 0.3235, 0.3558



41.0054, 0.2850, 0.3230

Rectangle

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



41.0054, 0.3015, 0.3036



41.0054, 0.3271, 0.3166



41.0054, 0.3235, 0.3558



41.0054, 0.2982, 0.3418

Sweetspot

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



41.0071, 0.3015, 0.3036



85.8329, 0.3095, 0.3216



46.0312, 0.2973, 0.3226



18.1631, 0.3086, 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.



41.0071, 0.3015, 0.3036



71.1148, 0.2990, 0.2980



42.1032, 0.3096, 0.3042



9.3440, 0.3024, 0.3056



2.9594, 0.1670, 0.0694



0.1490, 0.1937, 0.0841

Inverse Universe

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



42.4835, 0.3181, 0.3109



74.3103, 0.3193, 0.3070



47.7946, 0.3155, 0.3544



9.6521, 0.3177, 0.3123



8.5479, 0.4003, 0.1979



0.3451, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 41.0054, 0.3015, 0.3036 looks on a white background.

Color Contrast Check

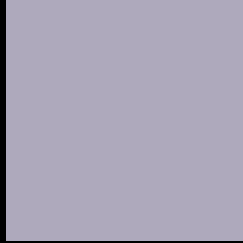
Large Text (above 18pt) WCAG AA × Fail

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 41.0054, 0.3015, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

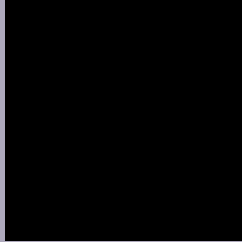
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

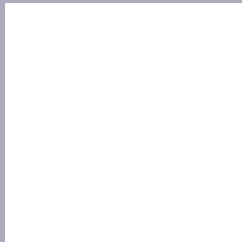
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0054, 0.3015, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 41.0054, 0.3015, 0.3036.



This preview shows how white text looks on a background with the Yxy color 41.0054, 0.3015, 0.3036.

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

41.0054, 0.3015, 0.3036

Protanopia

40.8586, 0.2964, 0.3033

Deuteranopia

40.9716, 0.3068, 0.3013



Tritanopia

41.0526, 0.3046, 0.3114

Trichromacy



Original Color

41.0054, 0.3015, 0.3036

Protanomaly

41.0815, 0.2981, 0.3034

Deuteranomaly

41.1011, 0.3050, 0.3025

Tritanomaly

41.1365, 0.3030, 0.3088

Monochromacy



Original Color

41.0054, 0.3015, 0.3036

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 41.0054, 0.3015, 0.3036 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(174, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 188)  
}
```

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(174, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.0054, 0.3015, 0.3036 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(174, 169, 188) }
```

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

```
.border{ border-color:rgb(174, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0054, 0.3015, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 169, 188) }
```

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

```
.background{ background-color: rgb(174,  
169, 188) }
```

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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