

Converting Colors

$Yxy(40.3613, 0.3071, 0.3150)$

Have a look what the booklet for
Yxy(40.3613, 0.3071, 0.3150)
contains.

Yxy(40.4013, 0.3071, 0.3154)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.4013, 0.3071, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	ACA9B3
RGB	172, 169, 179
RGB Percent	67%, 66%, 70%
CMY	0.3254, 0.3372, 0.2982
CMYK	0.04, 0.06, 0.00, 0.30
HSL	258°, 6%, 68%
HSV	258°, 6%, 70%
XYZ	39.3381, 40.4013, 48.3560
YIQ	171.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

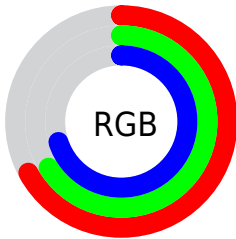
Format	Color
RYB	172, 169, 179
Decimal	11315635
CIELab	69.75, 2.99, -4.74
CIElCh	70, 5.600, 302.213
Yxy	40.4013, 0.3071, 0.3154
Android (android.graphics.Color)	4289505715 (0xFFACA9B3)
YUV	171.0370, 3.9258, 0.8446
Hunter-Lab	63.5620, -0.7611, -0.6126

Details

The Yxy color **40.4013, 0.3071, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3175, 0.3181, 0.3425**, and the grayscale version is **40.7259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6404, 0.3077, 0.3174**, and **18.2220, 0.3060, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **32.8465, 0.2958, 0.2890**, and if you desaturate by 10%, it is **49.0037, 0.3169, 0.3392**.

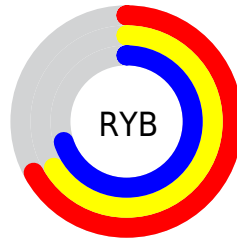
Distribution



Red (67%)

Green (66%)

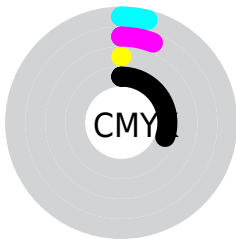
Blue (70%)



Red (67%)

Yellow (66%)

Blue (70%)

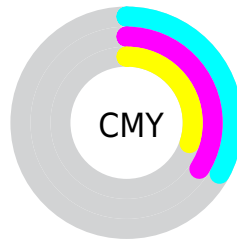


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.4013, 0.3071, 0.3154 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 40.4013, 0.3071, 0.3154 by changing the saturation by 10% instead.

■ 40.4013, 0.3071,
0.3154

■ 40.4013, 0.3071,
0.3154

347.8121, 0.3100,
0.3223

■ 27.8516, 0.3063,
0.3136

■ 75.7742, 0.3082,
0.3179

■ 18.2138, 0.3054,
0.3113

■ 99.3662, 0.3086,
0.3189

■ 11.1036, 0.3040,
0.3082

127.4077, 0.3089,
0.3197

■ 6.1366, 0.3021,
0.3038

160.2831, 0.3092,
0.3204

■ 2.9283, 0.2991,
0.2970

198.3769, 0.3094,
0.3210

■ 1.0944, 0.2936,
0.2853

242.0734, 0.3096,

■ 0.0000, 0.1349,

0.3215

0.0000

291.7570, 0.3098,
0.3219

0.0000, 0.0000,
0.0000

40.4013, 0.3071,
0.3154

40.4013, 0.3071,
0.3154

32.8465, 0.2958,
0.2890

49.0037, 0.3169,
0.3392

26.2937, 0.2828,
0.2601

58.6867, 0.3252,
0.3605

20.7015, 0.2683,
0.2293

69.4884, 0.3323,
0.3793

16.0237, 0.2524,
0.1974

81.4431, 0.3382,
0.3959

12.2102, 0.2356,
0.1658

92.3387, 0.3440,
0.4074

■ 9.2058, 0.2186,
0.1362

■ 94.5316, 0.3524,
0.4052

■ 6.9489, 0.2022,
0.1103

■ 96.0334, 0.3579,
0.4038

■ 5.3685, 0.1875,
0.0900

■ 4.3762, 0.1754,
0.0763

Harmonies

Analogous

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



40.4013, 0.3004, 0.3155



40.4013, 0.3071, 0.3154



40.4013, 0.3154, 0.3188

Triad

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



40.4013, 0.3071, 0.3154



40.4013, 0.3286, 0.3386



40.4013, 0.3025, 0.3332

Complementary

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



40.4013, 0.3071, 0.3154



44.3175, 0.3181, 0.3425

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.



40.4013, 0.3099, 0.3396



40.4013, 0.3071, 0.3154



40.4013, 0.3251, 0.3426

Square

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



40.4013, 0.3071, 0.3154



40.4013, 0.3279, 0.3320



40.4013, 0.3182, 0.3430



40.4013, 0.2978, 0.3257

Rectangle

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



40.4013, 0.3071, 0.3154



40.4013, 0.3207, 0.3226



40.4013, 0.3182, 0.3430



40.4013, 0.3048, 0.3355

Sweetspot

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



40.4030, 0.3071, 0.3154



77.6185, 0.3107, 0.3241



42.7314, 0.3043, 0.3249



17.2324, 0.3108, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.4030, 0.3071, 0.3154



70.1701, 0.3055, 0.3115



40.9746, 0.3115, 0.3156



8.6740, 0.3051, 0.3106



2.8875, 0.1718, 0.0720



0.1221, 0.2045, 0.0900

Inverse Universe

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



41.0897, 0.3159, 0.3197



71.7304, 0.3168, 0.3170



43.7502, 0.3138, 0.3426



8.8770, 0.3170, 0.3165



7.8278, 0.4139, 0.2054



0.2561, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 40.4013, 0.3071, 0.3154 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 40.4013, 0.3071, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

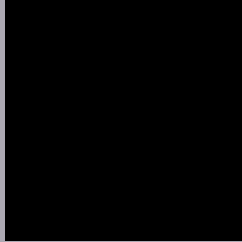
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

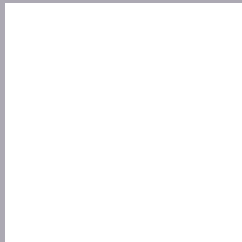
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.4013, 0.3071, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 40.4013, 0.3071, 0.3154.



This preview shows how white text looks on a background with the Yxy color 40.4013, 0.3071, 0.3154.

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

40.4013, 0.3071, 0.3154

Protanopia

40.2885, 0.3062, 0.3153

Deuteranopia

40.2728, 0.3164, 0.3091



Tritanopia

40.5240, 0.3046, 0.3113

Trichromacy



Original Color

40.4013, 0.3071, 0.3154

Protanomaly

40.2885, 0.3062, 0.3153

Deuteranomaly

40.1514, 0.3127, 0.3103

Tritanomaly

40.4828, 0.3054, 0.3127

Monochromacy



Original Color

40.4013, 0.3071, 0.3154

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4634, 0.3103, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4013, 0.3071, 0.3154 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, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 169, 179)  
}
```

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, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 169, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.4013, 0.3071, 0.3154 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, 169, 179) }
```

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

```
.border{ border-color:rgb(172, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 169,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4013, 0.3071, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 169, 179) }
```

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

```
.background{ background-color: rgb(172,  
169, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor