

Converting Colors

$Yxy(40.9388, 0.3038, 0.3114)$

Have a look what the booklet for
Yxy(40.9388, 0.3038, 0.3114)
contains.

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Color

Yxy(40.9390, 0.3038, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	ACAAB7
RGB	172, 170, 183
RGB Percent	67%, 67%, 72%
CMY	0.3253, 0.3334, 0.2824
CMYK	0.06, 0.07, 0.00, 0.28
HSL	249°, 8%, 69%
HSV	249°, 7%, 72%
XYZ	39.9398, 40.9390, 50.5887
YIQ	172.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

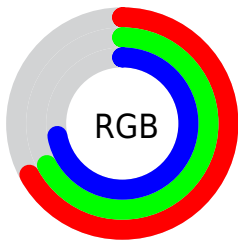
Format	Color
R_{YB}	172, 170, 183
Decimal	11315895
CIE Lab	70.13, 3.24, -6.40
CIE LCh	70, 7.173, 296.878
Yxy	40.9390, 0.3038, 0.3114
Android (android.graphics.Color)	4289505975 (0xFFACAAB7)
YUV	172.0800, 5.3836, -0.0702
Hunter-Lab	63.9836, -0.5480, -2.0892

Details

The Yxy color **40.9390, 0.3038, 0.3114** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5805, 0.3213, 0.3462**, and the grayscale version is **41.2738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4133, 0.3052, 0.3143**, and **18.5616, 0.3014, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **32.9058, 0.2897, 0.2841**, and if you desaturate by 10%, it is **50.1331, 0.3161, 0.3358**.

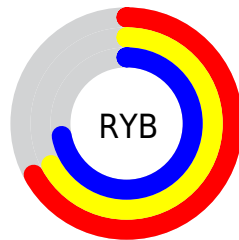
Distribution



Red (67%)

Green (67%)

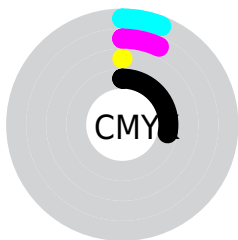
Blue (72%)



Red (67%)

Yellow (67%)

Blue (72%)

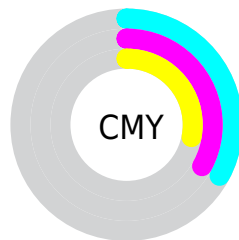


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9390, 0.3038, 0.3114 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 40.9390, 0.3038, 0.3114 by changing the saturation by 10% instead.

■ 40.9390, 0.3038,
0.3114

■ 40.9390, 0.3038,
0.3114

350.0656, 0.3084,
0.3203

■ 28.2714, 0.3026,
0.3091

■ 76.5913, 0.3055,
0.3147

■ 18.5304, 0.3011,
0.3062

100.3448, 0.3061,
0.3159

■ 11.3314, 0.2990,
0.3022

128.5624, 0.3066,
0.3169

■ 6.2902, 0.2960,
0.2966

161.6285, 0.3071,
0.3178

■ 3.0223, 0.2913,
0.2881

199.9274, 0.3075,
0.3186

■ 1.1434, 0.2830,
0.2735

243.8437, 0.3078,

■ 0.0147, 0.1631,

0.3192

0.0258

293.7616, 0.3081,
0.3198

0.0000, 0.0000,
0.0000

40.9390, 0.3038,
0.3114

40.9390, 0.3038,
0.3114

32.9058, 0.2897,
0.2841

50.1331, 0.3161,
0.3358

25.9822, 0.2737,
0.2539

60.5265, 0.3267,
0.3572

20.1206, 0.2561,
0.2215

72.1620, 0.3358,
0.3760

15.2683, 0.2372,
0.1879

85.0789, 0.3435,
0.3923

11.3677, 0.2178,
0.1546

95.1051, 0.3516,
0.4008

■ 8.3554, 0.1991,
0.1238

■ 96.1983, 0.3556,
0.3998

■ 6.1603, 0.1823,
0.0977

■ 4.7000, 0.1686,
0.0784

■ 3.8608, 0.1589,
0.0664

Harmonies

Analogous

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



40.9390, 0.2959, 0.3123



40.9390, 0.3038, 0.3114



40.9390, 0.3142, 0.3150

Triad

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



40.9390, 0.3038, 0.3114



40.9390, 0.3333, 0.3398



40.9390, 0.3012, 0.3359

Complementary

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



40.9390, 0.3038, 0.3114



46.5805, 0.3213, 0.3462

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.



40.9390, 0.3110, 0.3436



40.9390, 0.3038, 0.3114



40.9390, 0.3297, 0.3458

Square

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



40.9390, 0.3038, 0.3114



40.9390, 0.3313, 0.3312



40.9390, 0.3215, 0.3472



40.9390, 0.2945, 0.3264

Rectangle

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



40.9390, 0.3038, 0.3114



40.9390, 0.3211, 0.3195



40.9390, 0.3215, 0.3472



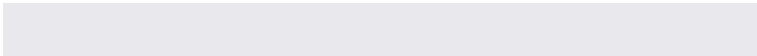
40.9390, 0.3042, 0.3388

Sweetspot

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



40.9407, 0.3038, 0.3114



81.4152, 0.3103, 0.3241



45.0269, 0.3019, 0.3264



18.0205, 0.3104, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.9407, 0.3038, 0.3114



70.2210, 0.3011, 0.3060



41.6829, 0.3095, 0.3117



8.7855, 0.3008, 0.3055



2.5849, 0.1574, 0.0641



0.1125, 0.1784, 0.0757

Inverse Universe

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



42.1471, 0.3152, 0.3146



72.9717, 0.3160, 0.3103



45.8245, 0.3158, 0.3465



9.1378, 0.3161, 0.3099



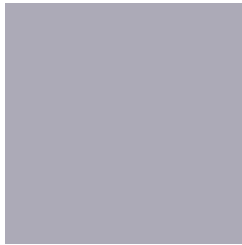
8.6644, 0.3645, 0.1781



0.3120, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 40.9390, 0.3038, 0.3114 looks on a white background.

Color Contrast Check

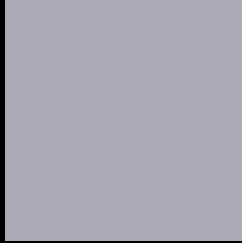
Large Text (above 18pt) WCAG AA × Fail

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 40.9390, 0.3038, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

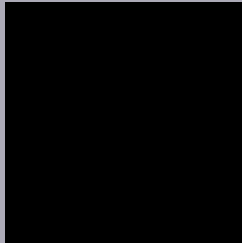
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

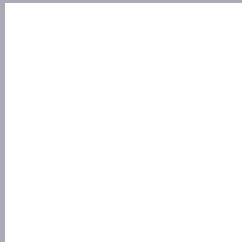
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9390, 0.3038, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 40.9390, 0.3038, 0.3114.

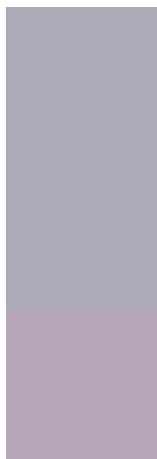


This preview shows how white text looks on a background with the Yxy color 40.9390, 0.3038, 0.3114.

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

40.9390, 0.3038, 0.3114

Protanopia

40.8263, 0.3029, 0.3113

Deuteranopia

40.6782, 0.3120, 0.3052



Tritanopia

40.9390, 0.3038, 0.3114

Trichromacy



Original Color

40.9390, 0.3038, 0.3114

Protanomaly

40.8263, 0.3029, 0.3113

Deuteranomaly

40.5631, 0.3083, 0.3063

Tritanomaly

40.9390, 0.3038, 0.3114

Monochromacy



Original Color

40.9390, 0.3038, 0.3114

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0311, 0.3095, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9390, 0.3038, 0.3114 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.9390, 0.3038, 0.3114 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, 183) }
```

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

```
.border{ border-color:rgb(172, 170, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9390, 0.3038, 0.3114 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, 183) }
```

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

```
.background{ background-color: rgb(172,  
170, 183) }
```

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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