

Converting Colors

$Yxy(40.0158, 0.3067, 0.3061)$

Have a look what the booklet for
Yxy(40.0158, 0.3067, 0.3061)
contains.

Yxy(39.9214, 0.3074, 0.3061)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.9214, 0.3074, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	B0A6B7
RGB	176, 166, 183
RGB Percent	69%, 65%, 72%
CMY	0.3098, 0.3490, 0.2822
CMYK	0.04, 0.09, 0.00, 0.28
HSL	275°, 11%, 68%
HSV	275°, 9%, 72%
XYZ	40.0909, 39.9214, 50.4071
YIQ	170.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

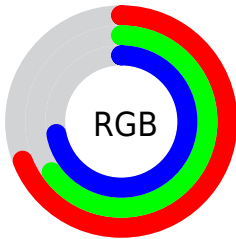
Format	Color
RYB	176, 166, 183
Decimal	11577015
CIELab	69.41, 6.82, -7.45
CIELCh	69, 10.100, 312.445
Yxy	39.9214, 0.3074, 0.3061
Android (android.graphics.Color)	4289767095 (0xFFB0A6B7)
YUV	170.9280, 5.9515, 4.4481
Hunter-Lab	63.1834, 2.6904, -3.0727

Details

The Yxy color **39.9214, 0.3074, 0.3061** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5185, 0.3176, 0.3521**, and the grayscale version is **40.6578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1007, 0.3087, 0.3103**, and **17.8573, 0.3052, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **32.8800, 0.3007, 0.2798**, and if you desaturate by 10%, it is **47.9621, 0.3131, 0.3306**.

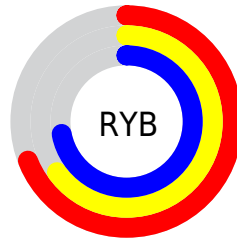
Distribution



Red (69%)

Green (65%)

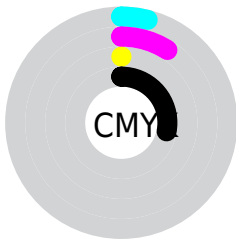
Blue (72%)



Red (69%)

Yellow (65%)

Blue (72%)

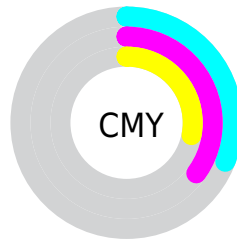


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9214, 0.3074, 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 39.9214, 0.3074, 0.3061 by changing the saturation by 10% instead.

■ 39.9214, 0.3074,
0.3061

■ 39.9214, 0.3074,
0.3061

■ 345.7922, 0.3102,
0.3177

■ 27.4773, 0.3067,
0.3032

■ 75.0438, 0.3084,
0.3103

■ 17.9320, 0.3057,
0.2994

■ 98.4909, 0.3088,
0.3119

■ 10.9012, 0.3043,
0.2943

■ 126.3744, 0.3092,
0.3133

■ 6.0004, 0.3024,
0.2871

■ 159.0787, 0.3094,
0.3144

■ 2.8453, 0.2992,
0.2761

■ 196.9882, 0.3097,
0.3154

■ 1.0515, 0.2933,
0.2575

■ 240.4874, 0.3099,

■ 0.0000, 0.1886,

0.3163

0.0000

289.9606, 0.3100,
0.3170

0.0000, 0.0000,
0.0000

39.9214, 0.3074,
0.3061

39.9214, 0.3074,
0.3061

32.8800, 0.3007,
0.2798

47.9621, 0.3131,
0.3306

26.7923, 0.2930,
0.2521

57.0352, 0.3178,
0.3532

21.6164, 0.2841,
0.2238

67.1786, 0.3218,
0.3737

17.3056, 0.2744,
0.1957

78.4266, 0.3250,
0.3922

13.8087, 0.2638,
0.1690

89.1979, 0.3280,
0.4065

■ 11.0690, 0.2528,
0.1451

■ 90.3582, 0.3329,
0.4053

■ 9.0222, 0.2418,
0.1251

■ 91.5719, 0.3379,
0.4041

■ 7.5928, 0.2312,
0.1101

■ 92.8395, 0.3430,
0.4029

■ 6.6406, 0.2212,
0.0995

■ 94.1618, 0.3480,
0.4016

Harmonies

Analogous

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



39.9214, 0.2941, 0.3040



39.9214, 0.3074, 0.3061



39.9214, 0.3225, 0.3140

Triad

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



39.9214, 0.3074, 0.3061



39.9214, 0.3403, 0.3493



39.9214, 0.2907, 0.3318

Complementary

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



39.9214, 0.3074, 0.3061



45.5185, 0.3176, 0.3521

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.



39.9214, 0.3026, 0.3448



39.9214, 0.3074, 0.3061



39.9214, 0.3313, 0.3548

Square

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



39.9214, 0.3074, 0.3061



39.9214, 0.3417, 0.3385



39.9214, 0.3175, 0.3533



39.9214, 0.2846, 0.3184

Rectangle

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



39.9214, 0.3074, 0.3061



39.9214, 0.3314, 0.3215



39.9214, 0.3175, 0.3533



39.9214, 0.2941, 0.3364

Sweetspot

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



39.9231, 0.3074, 0.3061



80.2656, 0.3111, 0.3217



41.4505, 0.2985, 0.3154



17.4693, 0.3106, 0.3197



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.



39.9231, 0.3074, 0.3061



68.9755, 0.3062, 0.3013



40.7043, 0.3150, 0.3084



8.9731, 0.3074, 0.3060



4.6298, 0.2216, 0.0995



0.1985, 0.2473, 0.1136

Inverse Universe

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



40.3610, 0.3225, 0.3196



69.9148, 0.3246, 0.3177



44.7911, 0.3105, 0.3505



9.0720, 0.3225, 0.3196



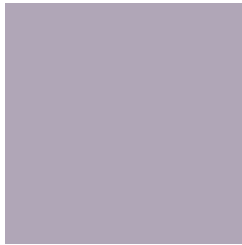
7.3949, 0.5296, 0.2691



0.2731, 0.4629, 0.2324

Previews

White Background



This preview shows how the Yxy color 39.9214, 0.3074, 0.3061 looks on a white background.

Color Contrast Check

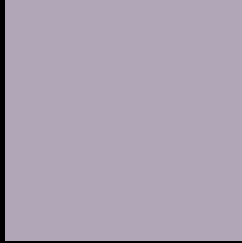
Large Text (above 18pt) WCAG AA × Fail

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 39.9214, 0.3074, 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 39.9214, 0.3074, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 39.9214, 0.3074, 0.3061.



This preview shows how white text looks on a background with the Yxy color 39.9214, 0.3074, 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

39.9214, 0.3074, 0.3061

Protanopia

39.8329, 0.2987, 0.3058

Deuteranopia

40.0325, 0.3111, 0.3051



Tritanopia

40.0467, 0.3090, 0.3114

Trichromacy



Original Color

39.9214, 0.3074, 0.3061

Protanomaly

39.7561, 0.3021, 0.3059

Deuteranomaly

39.9129, 0.3102, 0.3050

Tritanomaly

40.0876, 0.3082, 0.3101

Monochromacy



Original Color

39.9214, 0.3074, 0.3061

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3553, 0.3113, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9214, 0.3074, 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(176, 166, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 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(176, 166, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.9214, 0.3074, 0.3061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

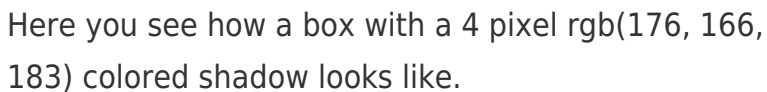
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 166, 183) }
```

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

```
.border{ border-color:rgb(176, 166, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 166, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 166, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 166, 183); box-shadow:4px 4px 4px 4px rgb(176, 166, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9214, 0.3074, 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(176, 166, 183) }
```

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

```
.background{ background-color: rgb(176,  
166, 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](#).

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