

Converting Colors

$Yxy(41.0415, 0.3027, 0.3022)$

Have a look what the booklet for
Yxy(41.0415, 0.3027, 0.3022)
contains.

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Color

Yxy(40.9095, 0.3024, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	B0A8BD
RGB	176, 168, 189
RGB Percent	69%, 66%, 74%
CMY	0.3099, 0.3411, 0.2588
CMYK	0.07, 0.11, 0.00, 0.26
HSL	263°, 14%, 70%
HSV	263°, 11%, 74%
XYZ	41.0861, 40.9095, 53.8712
YIQ	172.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

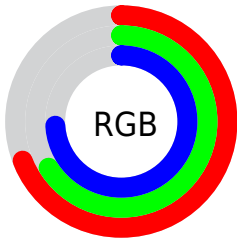
Format	Color
R_{YB}	176, 168, 189
Decimal	11577533
CIE _{Lab}	70.11, 6.88, -9.71
CIE _{LCh}	70, 11.904, 305.312
Yxy	40.9095, 0.3024, 0.3011
Android (android.graphics.Color)	4289767613 (0xFFB0A8BD)
YUV	172.7860, 7.9935, 2.8187
Hunter-Lab	63.9605, 2.7315, -5.1650

Details

The Yxy color **40.9095, 0.3024, 0.3011** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.0495, 0.3223, 0.3566**, and the grayscale version is **41.6325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5237, 0.3048, 0.3063**, and **18.4793, 0.2984, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **33.1227, 0.2916, 0.2735**, and if you desaturate by 10%, it is **49.8322, 0.3118, 0.3264**.

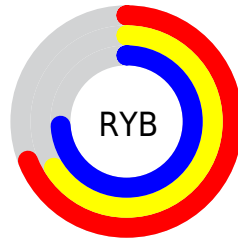
Distribution



Red (69%)

Green (66%)

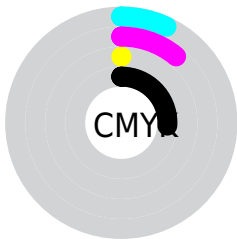
Blue (74%)



Red (69%)

Yellow (66%)

Blue (74%)

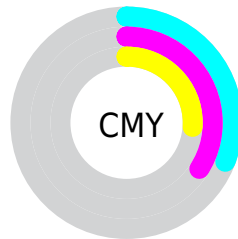


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (31%)


Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9095, 0.3024, 0.3011 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 40.9095, 0.3024, 0.3011 by changing the saturation by 10% instead.


 40.9095, 0.3024,
0.3011


 40.9095, 0.3024,
0.3011


349.9422, 0.3077,
0.3151

 28.2484, 0.3010,
0.2976


 76.5465, 0.3044,
0.3062

 18.5130, 0.2992,
0.2930


 100.2912, 0.3051,
0.3081

 11.3189, 0.2967,
0.2870


128.4991, 0.3057,
0.3098

 6.2818, 0.2931,
0.2784

161.5548, 0.3063,
0.3111

 3.0172, 0.2875,
0.2657

199.8425, 0.3067,
0.3123

 1.1407, 0.2775,
0.2444

243.7467, 0.3071,

 0.0125, 0.2032,

0.3134

0.0141

293.6518, 0.3074,
0.3143

0.0000, 0.0000,
0.0000

40.9095, 0.3024,
0.3011

40.9095, 0.3024,
0.3011

33.1227, 0.2916,
0.2735

49.8322, 0.3118,
0.3264

26.4202, 0.2792,
0.2439

59.9296, 0.3198,
0.3492

20.7538, 0.2654,
0.2131

71.2446, 0.3265,
0.3696

16.0697, 0.2505,
0.1821

83.8167, 0.3322,
0.3877

12.3092, 0.2348,
0.1523

92.7960, 0.3383,
0.3970

■ 9.4070, 0.2192,
0.1256

■ 94.8561, 0.3462,
0.3952

■ 7.2887, 0.2044,
0.1034

■ 96.4539, 0.3520,
0.3939

■ 5.8666, 0.1911,
0.0871

■ 5.0376, 0.1810,
0.0771

Harmonies

Analogous

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



40.9095, 0.2880, 0.3003



40.9095, 0.3024, 0.3011



40.9095, 0.3200, 0.3088

Triad

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



40.9095, 0.3024, 0.3011



40.9095, 0.3462, 0.3500



40.9095, 0.2898, 0.3361

Complementary

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



40.9095, 0.3024, 0.3011



49.0495, 0.3223, 0.3566

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.



40.9095, 0.3049, 0.3505



40.9095, 0.3024, 0.3011



40.9095, 0.3376, 0.3584

Square

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



40.9095, 0.3024, 0.3011



40.9095, 0.3456, 0.3365



40.9095, 0.3224, 0.3588



40.9095, 0.2809, 0.3200

Rectangle

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



40.9095, 0.3024, 0.3011



40.9095, 0.3311, 0.3170



40.9095, 0.3224, 0.3588



40.9095, 0.2943, 0.3413

Sweetspot

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



40.9112, 0.3024, 0.3011



85.9804, 0.3101, 0.3216



45.1712, 0.2958, 0.3187



18.2029, 0.3093, 0.3197



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.



40.9112, 0.3024, 0.3011



70.1705, 0.3002, 0.2955



42.1488, 0.3115, 0.3019



9.3968, 0.3041, 0.3057



3.4304, 0.1823, 0.0778



0.1721, 0.2107, 0.0935

Inverse Universe

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



42.1671, 0.3208, 0.3121



72.8212, 0.3225, 0.3088



47.8575, 0.3137, 0.3573



9.6333, 0.3194, 0.3148



8.1644, 0.4437, 0.2218



0.3322, 0.4070, 0.2016

Previews

White Background



This preview shows how the Yxy color 40.9095, 0.3024, 0.3011 looks on a white background.

Color Contrast Check

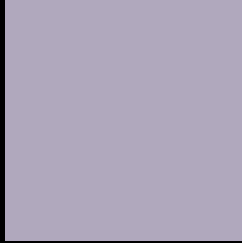
Large Text (above 18pt) WCAG AA × Fail

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 40.9095, 0.3024, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

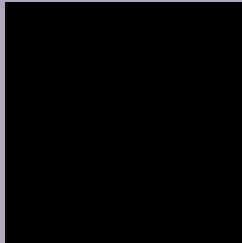
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9095, 0.3024, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 40.9095, 0.3024, 0.3011.



This preview shows how white text looks on a background with the Yxy color 40.9095, 0.3024, 0.3011.

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

40.9095, 0.3024, 0.3011

Protanopia

40.9022, 0.2956, 0.3020

Deuteranopia

41.0149, 0.3060, 0.3000



Tritanopia

40.8673, 0.3073, 0.3115

Trichromacy



Original Color

40.9095, 0.3024, 0.3011

Protanomaly

40.8643, 0.2981, 0.3009

Deuteranomaly

40.8953, 0.3051, 0.3000

Tritanomaly

40.9927, 0.3048, 0.3076

Monochromacy



Original Color

40.9095, 0.3024, 0.3011

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3792, 0.3088, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9095, 0.3024, 0.3011 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, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 189)  
}
```

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, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 189) }
```

Border

The CSS property to change the border of an element to Yxy 40.9095, 0.3024, 0.3011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

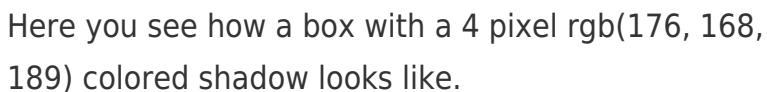
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 168, 189) }
```

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

```
.border{ border-color:rgb(176, 168, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 168, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 168, 189); box-shadow:4px 4px 4px 4px rgb(176, 168, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9095, 0.3024, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 168, 189) }
```

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

```
.background{ background-color: rgb(176,  
168, 189) }
```

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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