

Converting Colors

$Yxy(40.9675, 0.3126, 0.3166)$

Have a look what the booklet for
Yxy(40.9675, 0.3126, 0.3166)
contains.

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Color

Yxy(40.9374, 0.3124, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	B1A9B2
RGB	177, 169, 178
RGB Percent	69%, 66%, 70%
CMY	0.3058, 0.3372, 0.3020
CMYK	0.01, 0.05, 0.00, 0.30
HSL	293°, 6%, 68%
HSV	293°, 5%, 70%
XYZ	40.3561, 40.9374, 47.8873
YIQ	172.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

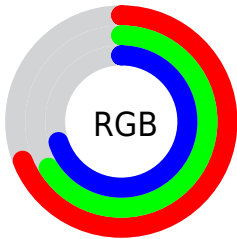
Format	Color
RYB	177, 169, 178
Decimal	11643314
CIELab	70.13, 4.54, -3.59
CIELCh	70, 5.792, 321.674
Yxy	40.9374, 0.3124, 0.3169
Android (android.graphics.Color)	4289833394 (0xFFB1A9B2)
YUV	172.4180, 2.7519, 4.0184
Hunter-Lab	63.9823, 0.6176, 0.4123

Details

The Yxy color **40.9374, 0.3124, 0.3169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2444, 0.3130, 0.3413**, and the grayscale version is **41.4641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5755, 0.3125, 0.3186**, and **18.4883, 0.3122, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **34.5357, 0.3116, 0.2922**, and if you desaturate by 10%, it is **48.2474, 0.3130, 0.3405**.

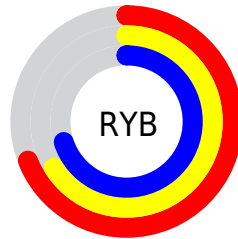
Distribution



Red (69%)

Green (66%)

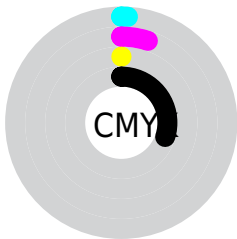
Blue (70%)



Red (69%)

Yellow (66%)

Blue (70%)

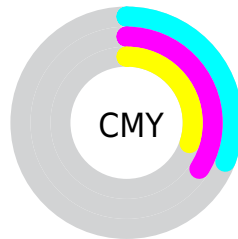


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9374, 0.3124, 0.3169 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 40.9374, 0.3124, 0.3169 by changing the saturation by 10% instead.

 40.9374, 0.3124,
0.3169


 40.9374, 0.3124,
0.3169


350.0589, 0.3126,
0.3230

 28.2702, 0.3123,
0.3153


 76.5889, 0.3125,
0.3192

 18.5294, 0.3123,
0.3133


 100.3419, 0.3125,
0.3200

 11.3307, 0.3122,
0.3106

128.5589, 0.3125,
0.3207

 6.2898, 0.3120,
0.3067

161.6245, 0.3125,
0.3213

 3.0221, 0.3117,
0.3008

199.9228, 0.3126,
0.3218

 1.1433, 0.3110,
0.2906

243.8384, 0.3126,

 0.0146, 0.3071,

0.3223

0.0360

293.7557, 0.3126,
0.3227

■ 0.0000, 0.0000,
0.0000

■ 40.9374, 0.3124,
0.3169

■ 40.9374, 0.3124,
0.3169

■ 34.5357, 0.3116,
0.2922

■ 48.2474, 0.3130,
0.3405

■ 29.0007, 0.3105,
0.2669

■ 56.4944, 0.3133,
0.3628

■ 24.2957, 0.3091,
0.2417

■ 65.7128, 0.3135,
0.3833

■ 20.3790, 0.3074,
0.2175

■ 75.9331, 0.3136,
0.4022

■ 17.2055, 0.3054,
0.1952

■ 85.2583, 0.3137,
0.4166

■ 14.7254, 0.3031,
0.1759

■ 85.5032, 0.3149,
0.4163

■ 12.8830, 0.3005,
0.1603

■ 85.7515, 0.3161,
0.4160

■ 11.6138, 0.2979,
0.1490

■ 86.0031, 0.3173,
0.4157

■ 10.8387, 0.2951,
0.1419

■ 86.2580, 0.3185,
0.4153

Harmonies

Analogous

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



40.9374, 0.3042, 0.3146



40.9374, 0.3124, 0.3169



40.9374, 0.3208, 0.3223

Triad

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



40.9374, 0.3124, 0.3169



40.9374, 0.3272, 0.3419



40.9374, 0.2986, 0.3283

Complementary

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



40.9374, 0.3124, 0.3169



43.2444, 0.3130, 0.3413

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.



40.9374, 0.3046, 0.3358



40.9374, 0.3124, 0.3169



40.9374, 0.3211, 0.3438

Square

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



40.9374, 0.3124, 0.3169



40.9374, 0.3294, 0.3367



40.9374, 0.3129, 0.3416



40.9374, 0.2964, 0.3210

Rectangle

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



40.9374, 0.3124, 0.3169



40.9374, 0.3253, 0.3270



40.9374, 0.3129, 0.3416



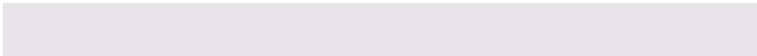
40.9374, 0.3003, 0.3309

Sweetspot

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



40.9392, 0.3124, 0.3169



78.0711, 0.3126, 0.3242



40.4176, 0.3052, 0.3181



17.3274, 0.3126, 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.



40.9392, 0.3124, 0.3169



72.9498, 0.3123, 0.3143



40.9176, 0.3162, 0.3215



9.0151, 0.3123, 0.3133



7.5660, 0.2941, 0.1394



0.2514, 0.3021, 0.1438

Inverse Universe

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



40.7418, 0.3201, 0.3277



72.5211, 0.3218, 0.3274



43.2671, 0.3094, 0.3366



8.9582, 0.3224, 0.3273



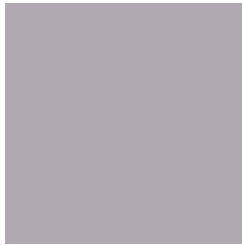
6.8116, 0.6249, 0.3216



0.2192, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 40.9374, 0.3124, 0.3169 looks on a white background.

Color Contrast Check

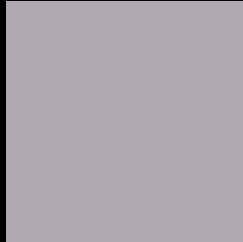
Large Text (above 18pt) WCAG AA × Fail

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 40.9374, 0.3124, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

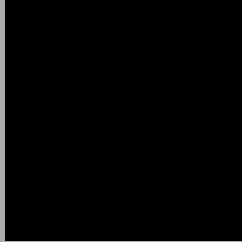
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9374, 0.3124, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 40.9374, 0.3124, 0.3169.



This preview shows how white text looks on a background with the Yxy color 40.9374, 0.3124, 0.3169.

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

40.9374, 0.3124, 0.3169

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.8414, 0.3191, 0.3119



Tritanopia

40.8476, 0.3100, 0.3103

Trichromacy



Original Color

40.9374, 0.3124, 0.3169

Protanomaly

41.0028, 0.3088, 0.3168

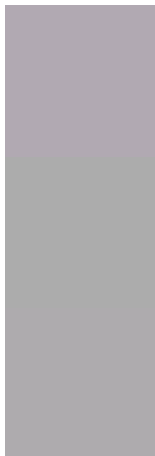
Deuteranomaly

40.8372, 0.3162, 0.3131

Tritanomaly

40.8064, 0.3108, 0.3116

Monochromacy



Original Color

40.9374, 0.3124, 0.3169

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1805, 0.3129, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9374, 0.3124, 0.3169 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(177, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 178)  
}
```

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(177, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 178) }
```

Border

The CSS property to change the border of an element to Yxy 40.9374, 0.3124, 0.3169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

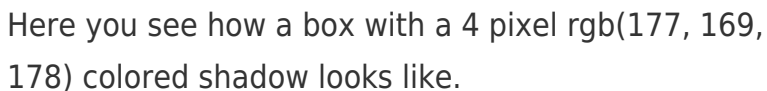
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 169, 178) }
```

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

```
.border{ border-color:rgb(177, 169, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 169, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 169, 178); box-shadow:4px 4px 4px 4px rgb(177, 169, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9374, 0.3124, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 178) }
```

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

```
.background{ background-color: rgb(177,  
169, 178) }
```

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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