

Converting Colors

Yxy(40.4097, 0.3124, 0.3168)

Have a look what the booklet for
Yxy(40.4097, 0.3124, 0.3168)
contains.

Yxy(40.4097, 0.3124, 0.3168)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.4097, 0.3124, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	B0A8B1
RGB	176, 168, 177
RGB Percent	69%, 66%, 69%
CMY	0.3097, 0.3412, 0.3059
CMYK	0.01, 0.05, 0.00, 0.31
HSL	294°, 5%, 68%
HSV	294°, 5%, 69%
XYZ	39.8485, 40.4097, 47.2977
YIQ	171.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

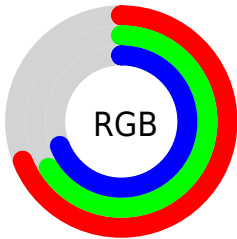
Format	Color
RYB	176, 168, 177
Decimal	11577521
CIELab	69.76, 4.56, -3.61
CIELCh	70, 5.817, 321.686
Yxy	40.4097, 0.3124, 0.3168
Android (android.graphics.Color)	4289767601 (0xFFB0A8B1)
YUV	171.4180, 2.7519, 4.0184
Hunter-Lab	63.5686, 0.6489, 0.3838

Details

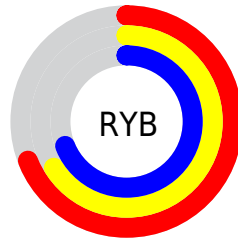
The Yxy color **40.4097, 0.3124, 0.3168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7057, 0.3130, 0.3414**, and the grayscale version is **40.9339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8143, 0.3125, 0.3186**, and **18.2311, 0.3134, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **34.0929, 0.3116, 0.2921**, and if you desaturate by 10%, it is **47.6228, 0.3130, 0.3404**.

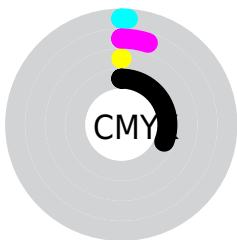
Distribution



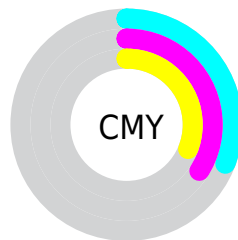
- Red (69%)
- Green (66%)
- Blue (69%)



- Red (69%)
- Yellow (66%)
- Blue (69%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)




- Cyan (31%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4097, 0.3124, 0.3168 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 40.4097, 0.3124, 0.3168 by changing the saturation by 10% instead.


 40.4097, 0.3124,
0.3168


 40.4097, 0.3124,
0.3168


347.8474, 0.3126,
0.3230

 27.8581, 0.3123,
0.3152

 75.7870, 0.3125,
0.3191

 18.2187, 0.3123,
0.3132


 99.3815, 0.3125,
0.3199

 11.1071, 0.3122,
0.3104


127.4258, 0.3125,
0.3206

 6.1389, 0.3120,
0.3065

160.3042, 0.3125,
0.3213

 2.9298, 0.3117,
0.3004

198.4012, 0.3126,
0.3218

 1.0952, 0.3110,
0.2900

242.1011, 0.3126,

 0.0000, 0.2786,

0.3222


0.0000


291.7884, 0.3126,
0.3226

 0.0000, 0.0000,
0.0000


 40.4097, 0.3124,
0.3168


 40.4097, 0.3124,
0.3168

 34.0929, 0.3116,
0.2921


 47.6228, 0.3130,
0.3404


 28.6314, 0.3105,
0.2668


 55.7606, 0.3133,
0.3626


 23.9889, 0.3091,
0.2416

 64.8568, 0.3135,
0.3832

 20.1243, 0.3074,
0.2174

 74.9419, 0.3136,
0.4021

 16.9931, 0.3054,
0.1952

 85.0855, 0.3136,
0.4179

■ 14.5462, 0.3031,
0.1759

■ 85.3265, 0.3148,
0.4176

■ 12.7285, 0.3006,
0.1603

■ 85.5708, 0.3160,
0.4173

■ 11.4764, 0.2979,
0.1490

■ 85.8183, 0.3171,
0.4170

■ 10.7118, 0.2952,
0.1419

■ 86.0691, 0.3183,
0.4166

Harmonies

Analogous

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



40.4097, 0.3042, 0.3145



40.4097, 0.3124, 0.3168



40.4097, 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.



40.4097, 0.3124, 0.3168



40.4097, 0.3273, 0.3421



40.4097, 0.2985, 0.3283

Complementary

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



40.4097, 0.3124, 0.3168



42.7057, 0.3130, 0.3414

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.



40.4097, 0.3046, 0.3359



40.4097, 0.3124, 0.3168



40.4097, 0.3212, 0.3439

Square

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



40.4097, 0.3124, 0.3168



40.4097, 0.3295, 0.3367



40.4097, 0.3129, 0.3417



40.4097, 0.2962, 0.3210

Rectangle

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



40.4097, 0.3124, 0.3168



40.4097, 0.3254, 0.3270



40.4097, 0.3129, 0.3417



40.4097, 0.3002, 0.3309

Sweetspot

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



40.4114, 0.3124, 0.3168



76.1454, 0.3126, 0.3242



39.8917, 0.3051, 0.3180



16.5322, 0.3126, 0.3244



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.4114, 0.3124, 0.3168



71.1541, 0.3123, 0.3143



40.3896, 0.3162, 0.3215



9.0152, 0.3123, 0.3133



7.5705, 0.2942, 0.1394



0.2515, 0.3021, 0.1438

Inverse Universe

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



40.2145, 0.3202, 0.3277



70.7351, 0.3218, 0.3274



42.7287, 0.3094, 0.3366



8.9582, 0.3224, 0.3273



6.8114, 0.6250, 0.3217



0.2191, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 40.4097, 0.3124, 0.3168 looks on a white background.

Color Contrast Check

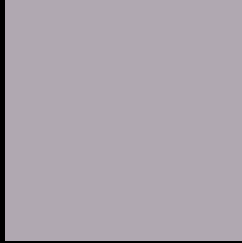
Large Text (above 18pt) WCAG AA × Fail

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 40.4097, 0.3124, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

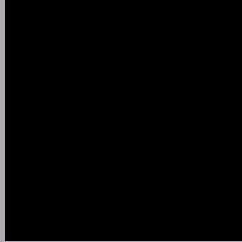
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4097, 0.3124, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 40.4097, 0.3124, 0.3168.



This preview shows how white text looks on a background with the Yxy color 40.4097, 0.3124, 0.3168.

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

40.4097, 0.3124, 0.3168

Protanopia

40.2482, 0.3070, 0.3167

Deuteranopia

40.3150, 0.3191, 0.3118



Tritanopia

40.3207, 0.3100, 0.3102

Trichromacy



Original Color

40.4097, 0.3124, 0.3168

Protanomaly

40.4745, 0.3088, 0.3167

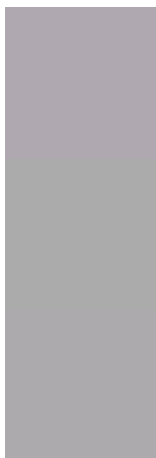
Deuteranomaly

40.3105, 0.3162, 0.3130

Tritanomaly

40.2798, 0.3108, 0.3115

Monochromacy



Original Color

40.4097, 0.3124, 0.3168

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6508, 0.3129, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4097, 0.3124, 0.3168 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.4097, 0.3124, 0.3168 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, 177) }
```

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

```
.border{ border-color:rgb(176, 168, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 168, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 168, 177);  
box-shadow:4px 4px 4px 4px rgb(176, 168,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4097, 0.3124, 0.3168 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, 177) }
```

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

```
.background{ background-color: rgb(176,  
168, 177) }
```

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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