

Converting Colors

$Y_{xy}(38.4773, 0.3122, 0.3022)$

Have a look what the booklet for
Yxy(38.4773, 0.3122, 0.3022)
contains.

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Color

Yxy(38.4096, 0.3121, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	B3A1B5
RGB	179, 161, 181
RGB Percent	70%, 63%, 71%
CMY	0.2980, 0.3686, 0.2901
CMYK	0.01, 0.11, 0.00, 0.29
HSL	294°, 12%, 67%
HSV	294°, 11%, 71%
XYZ	39.6810, 38.4096, 49.0514
YIQ	168.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

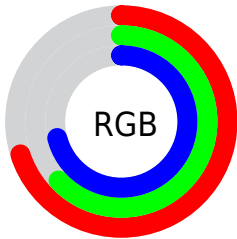
Format	Color
RYB	179, 161, 181
Decimal	11772341
CIELab	68.32, 10.24, -7.94
CIELCh	68, 12.957, 322.226
Yxy	38.4096, 0.3121, 0.3021
Android (android.graphics.Color)	4289962421 (0xFFB3A1B5)
YUV	168.6620, 6.0826, 9.0664
Hunter-Lab	61.9755, 5.8310, -3.5431

Details

The Yxy color **38.4096, 0.3121, 0.3021** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4174, 0.3131, 0.3571**, and the grayscale version is **39.4707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8883, 0.3123, 0.3072**, and **16.9314, 0.3117, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **32.3214, 0.3113, 0.2770**, and if you desaturate by 10%, it is **45.4199, 0.3127, 0.3265**.

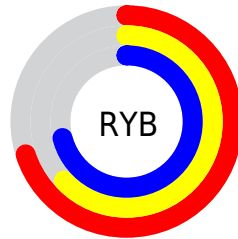
Distribution



Red (70%)

Green (63%)

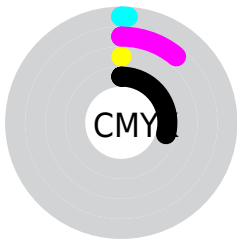
Blue (71%)



Red (70%)

Yellow (63%)

Blue (71%)

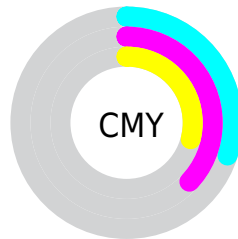


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (30%)


Magenta (37%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4096, 0.3121, 0.3021 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 38.4096, 0.3121, 0.3021 by changing the saturation by 10% instead.


 38.4096, 0.3121,
0.3021


 38.4096, 0.3121,
0.3021

339.3738, 0.3125,
0.3157

 26.3007, 0.3120,
0.2986

 72.7355, 0.3123,
0.3071

 17.0488, 0.3117,
0.2942


 95.7214, 0.3123,
0.3090

 10.2693, 0.3114,
0.2881


123.1017, 0.3124,
0.3105

 5.5779, 0.3109,
0.2796

155.2608, 0.3124,
0.3119

 2.5901, 0.3098,
0.2667

192.5832, 0.3125,
0.3130

 0.9217, 0.3075,
0.2446

235.4532, 0.3125,


 0.0000, 0.1723,


0.3140


0.0000


284.2553, 0.3125,
0.3149


 0.0000, 0.0000,
0.0000

 38.4096, 0.3121,
0.3021

 38.4096, 0.3121,
0.3021


 32.3214, 0.3113,
0.2770


 45.4199, 0.3127,
0.3265


 27.1112, 0.3102,
0.2517


 53.3842, 0.3130,
0.3496


 22.7386, 0.3088,
0.2270

 62.3389, 0.3132,
0.3712

 19.1581, 0.3072,
0.2040

 72.3171, 0.3133,
0.3912

 16.3199, 0.3052,
0.1836

 83.3503, 0.3132,
0.4095

■ 14.1686, 0.3030,
0.1666

■ 85.7903, 0.3141,
0.4126

■ 12.6408, 0.3006,
0.1537

■ 86.0249, 0.3152,
0.4123

■ 11.6617, 0.2981,
0.1452

■ 86.2624, 0.3163,
0.4120

■ 11.1141, 0.2959,
0.1404

■ 86.5028, 0.3174,
0.4117

Harmonies

Analogous

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



38.4096, 0.2936, 0.2967



38.4096, 0.3121, 0.3021



38.4096, 0.3313, 0.3141

Triad

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



38.4096, 0.3121, 0.3021



38.4096, 0.3457, 0.3585



38.4096, 0.2807, 0.3266

Complementary

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



38.4096, 0.3121, 0.3021



43.4174, 0.3131, 0.3571

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.



38.4096, 0.2939, 0.3444



38.4096, 0.3121, 0.3021



38.4096, 0.3314, 0.3632

Square

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



38.4096, 0.3121, 0.3021



38.4096, 0.3511, 0.3462



38.4096, 0.3124, 0.3581



38.4096, 0.2758, 0.3101

Rectangle

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



38.4096, 0.3121, 0.3021



38.4096, 0.3418, 0.3245



38.4096, 0.3124, 0.3581



38.4096, 0.2843, 0.3326

Sweetspot

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



38.4113, 0.3121, 0.3021



78.6959, 0.3126, 0.3217



37.2260, 0.2956, 0.3041



16.7846, 0.3125, 0.3198



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.



38.4113, 0.3121, 0.3021



66.2895, 0.3119, 0.2967



38.3453, 0.3208, 0.3123



8.6027, 0.3122, 0.3064



7.6766, 0.2962, 0.1405



0.2539, 0.3035, 0.1446

Inverse Universe

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



37.9590, 0.3302, 0.3263



65.3409, 0.3342, 0.3258



43.4868, 0.3054, 0.3463



8.5186, 0.3272, 0.3268



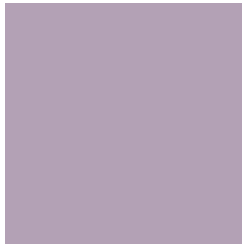
6.8077, 0.6264, 0.3224



0.2187, 0.5783, 0.2959

Previews

White Background



This preview shows how the Yxy color 38.4096, 0.3121, 0.3021 looks on a white background.

Color Contrast Check

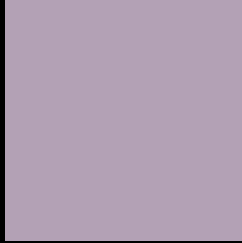
Large Text (above 18pt) WCAG AA × Fail

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 38.4096, 0.3121, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

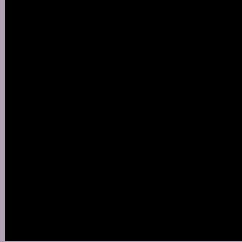
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4096, 0.3121, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 38.4096, 0.3121, 0.3021.



This preview shows how white text looks on a background with the Yxy color 38.4096, 0.3121, 0.3021.

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

38.4096, 0.3121, 0.3021

Protanopia

38.3703, 0.2968, 0.3027

Deuteranopia

38.4070, 0.3093, 0.3033



Tritanopia

38.4008, 0.3164, 0.3114

Trichromacy



Original Color

38.4096, 0.3121, 0.3021

Protanomaly

38.5159, 0.3021, 0.3030

Deuteranomaly

38.5240, 0.3102, 0.3034

Tritanomaly

38.4800, 0.3146, 0.3087

Monochromacy



Original Color

38.4096, 0.3121, 0.3021

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1738, 0.3132, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4096, 0.3121, 0.3021 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(179, 161, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 181)  
}
```

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(179, 161, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 181) }
```

Border

The CSS property to change the border of an element to Yxy 38.4096, 0.3121, 0.3021 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(179, 161, 181) }
```

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

```
.border{ border-color:rgb(179, 161, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 181);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4096, 0.3121, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 181) }
```

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

```
.background{ background-color: rgb(179,  
161, 181) }
```

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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