

Converting Colors

Yxy(37.9720, 0.3223, 0.3139)

Have a look what the booklet for
Yxy(37.9720, 0.3223, 0.3139)
contains.

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Color

Yxy(37.9056, 0.3230, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	B5A0AB
RGB	181, 160, 171
RGB Percent	71%, 63%, 67%
CMY	0.2902, 0.3725, 0.3294
CMYK	0.00, 0.12, 0.06, 0.29
HSL	329°, 12%, 67%
HSV	329°, 12%, 71%
XYZ	38.9797, 37.9056, 43.7948
YIQ	167.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

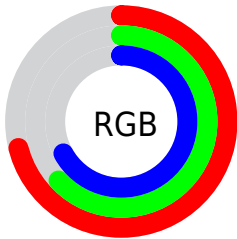
Format	Color
RYB	181, 160, 171
Decimal	11903147
CIELab	67.95, 9.62, -2.89
CIElCh	68, 10.048, 343.283
Yxy	37.9056, 0.3230, 0.3141
Android (android.graphics.Color)	4290093227 (0xFFB5A0AB)
YUV	167.5330, 1.7092, 11.8106
Hunter-Lab	61.5675, 5.2688, 0.9226

Details

The Yxy color **37.9056, 0.3230, 0.3141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4273, 0.3036, 0.3444**, and the grayscale version is **38.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0964, 0.3213, 0.3175**, and **16.8584, 0.3258, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **31.7637, 0.3338, 0.3006**, and if you desaturate by 10%, it is **44.9860, 0.3140, 0.3270**.

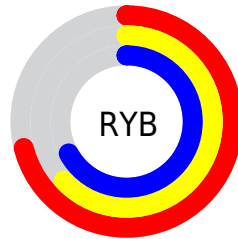
Distribution



Red (71%)

Green (63%)

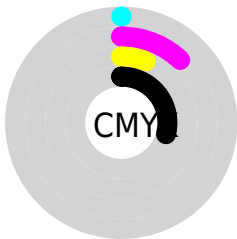
Blue (67%)



Red (71%)

Yellow (63%)

Blue (67%)

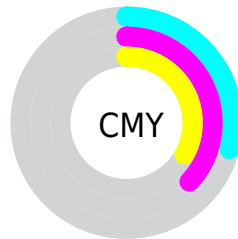


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (29%)



Cyan (29%)


Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9056, 0.3230, 0.3141 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 37.9056, 0.3230, 0.3141 by changing the saturation by 10% instead.


 37.9056, 0.3230,
0.3141


 37.9056, 0.3230,
0.3141

337.2148, 0.3177,
0.3217

 25.9094, 0.3244,
0.3121


 71.9634, 0.3210,
0.3169

 16.7559, 0.3261,
0.3096


 94.7939, 0.3203,
0.3180

 10.0606, 0.3286,
0.3061


122.0045, 0.3197,
0.3188

 5.4392, 0.3321,
0.3011

153.9798, 0.3192,
0.3196

 2.5072, 0.3375,
0.2934

191.1041, 0.3188,
0.3202

 0.8802, 0.3473,
0.2797

233.7617, 0.3184,


 0.0000, 1.0000,


0.3208

0.0000


282.3372, 0.3180,
0.3213


 0.0000, 0.0000,
0.0000

 37.9056, 0.3230,
0.3141


 37.9056, 0.3230,
0.3141


 31.7637, 0.3338,
0.3006


 44.9860, 0.3140,
0.3270


 26.5155, 0.3466,
0.2867


 53.0372, 0.3066,
0.3391

 22.1202, 0.3618,
0.2731

 62.0961, 0.3004,
0.3503

 18.5316, 0.3793,
0.2603

 72.1963, 0.2953,
0.3607

 15.6992, 0.3991,
0.2495

 83.3696, 0.2910,
0.3702

■ 13.5668, 0.4208,
0.2418

■ 86.6564, 0.2867,
0.3649

■ 12.0702, 0.4436,
0.2384

■ 87.1321, 0.2823,
0.3550

■ 11.1331, 0.4666,
0.2401

■ 87.6319, 0.2780,
0.3454

■ 10.6486, 0.4854,
0.2448

■ 88.1560, 0.2737,
0.3359

Harmonies

Analogous

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



37.9056, 0.3078, 0.3060



37.9056, 0.3230, 0.3141



37.9056, 0.3357, 0.3260

Triad

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



37.9056, 0.3230, 0.3141



37.9056, 0.3312, 0.3552



37.9056, 0.2842, 0.3179

Complementary

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



37.9056, 0.3230, 0.3141



43.4273, 0.3036, 0.3444

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.



37.9056, 0.2902, 0.3314



37.9056, 0.3230, 0.3141



37.9056, 0.3171, 0.3535

Square

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



37.9056, 0.3230, 0.3141



37.9056, 0.3405, 0.3497



37.9056, 0.3021, 0.3446



37.9056, 0.2856, 0.3078

Rectangle

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



37.9056, 0.3230, 0.3141



37.9056, 0.3408, 0.3348



37.9056, 0.3021, 0.3446



37.9056, 0.2854, 0.3222

Sweetspot

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



37.9073, 0.3230, 0.3141



78.6239, 0.3152, 0.3252



37.0026, 0.3036, 0.3000



16.7650, 0.3159, 0.3242



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.



37.9073, 0.3230, 0.3141



64.8336, 0.3256, 0.3106



37.5292, 0.3325, 0.3281



8.5772, 0.3208, 0.3171



7.3542, 0.4828, 0.2433



0.2431, 0.4262, 0.2122

Inverse Universe

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



37.9073, 0.3230, 0.3141



64.8336, 0.3256, 0.3106



43.8330, 0.2957, 0.3299



8.5772, 0.3208, 0.3171



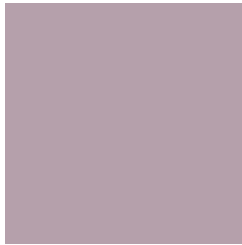
7.3542, 0.4828, 0.2433



0.2431, 0.4262, 0.2122

Previews

White Background



This preview shows how the Yxy color 37.9056, 0.3230, 0.3141 looks on a white background.

Color Contrast Check

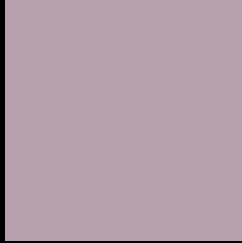
Large Text (above 18pt) WCAG AA × Fail

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 37.9056, 0.3230, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

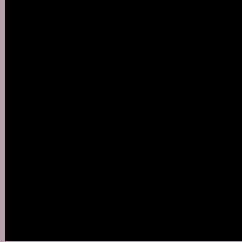
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9056, 0.3230, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 37.9056, 0.3230, 0.3141.



This preview shows how white text looks on a background with the Yxy color 37.9056, 0.3230, 0.3141.

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

37.9056, 0.3230, 0.3141

Protanopia

38.0733, 0.3060, 0.3164

Deuteranopia

38.0137, 0.3210, 0.3154



Tritanopia

37.9439, 0.3221, 0.3128

Trichromacy



Original Color

37.9056, 0.3230, 0.3141

Protanomaly

37.8694, 0.3115, 0.3151

Deuteranomaly

38.1333, 0.3219, 0.3154

Tritanomaly

37.9439, 0.3221, 0.3128

Monochromacy



Original Color

37.9056, 0.3230, 0.3141

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6591, 0.3167, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9056, 0.3230, 0.3141 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(181, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 160, 171)  
}
```

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(181, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 160, 171) }
```

Border

The CSS property to change the border of an element to Yxy 37.9056, 0.3230, 0.3141 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(181, 160, 171) }
```

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

```
.border{ border-color:rgb(181, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 160,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9056, 0.3230, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 160, 171) }
```

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

```
.background{ background-color: rgb(181,  
160, 171) }
```

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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