

Converting Colors

$Y_{xy}(39.7926, 0.3138, 0.3050)$

Have a look what the booklet for
Yxy(39.7926, 0.3138, 0.3050)
contains.

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Color

Yxy(39.8734, 0.3138, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	B6A4B6
RGB	182, 164, 182
RGB Percent	71%, 64%, 71%
CMY	0.2863, 0.3568, 0.2862
CMYK	0.00, 0.10, 0.00, 0.29
HSL	300°, 11%, 68%
HSV	300°, 10%, 71%
XYZ	41.0104, 39.8734, 49.8058
YIQ	171.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

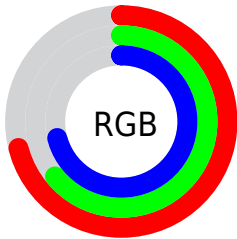
Format	Color
R _Y B	182, 164, 182
Decimal	11969718
CIE Lab	69.38, 9.81, -6.89
CIE LCh	69, 11.990, 324.897
Yxy	39.8734, 0.3138, 0.3051
Android (android.graphics.Color)	4290159798 (0xFFB6A4B6)
YUV	171.4340, 5.2090, 9.2664
Hunter-Lab	63.1454, 5.4242, -2.5631

Details

The Yxy color **39.8734, 0.3138, 0.3051** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0456, 0.3116, 0.3541**, and the grayscale version is **40.9266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0132, 0.3136, 0.3095**, and **17.8404, 0.3142, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **33.8142, 0.3149, 0.2804**, and if you desaturate by 10%, it is **46.8685, 0.3127, 0.3292**.

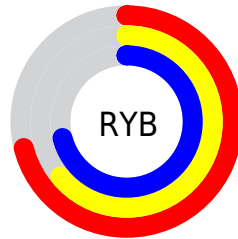
Distribution



Red (71%)

Green (64%)

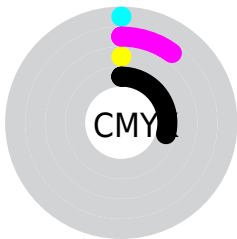
Blue (71%)



Red (71%)

Yellow (64%)

Blue (71%)

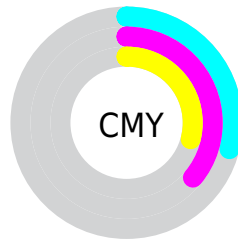


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8734, 0.3138, 0.3051 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 39.8734, 0.3138, 0.3051 by changing the saturation by 10% instead.


 39.8734, 0.3138,
0.3051


 39.8734, 0.3138,
0.3051


345.5897, 0.3133,
0.3172

 27.4398, 0.3139,
0.3021


 74.9707, 0.3137,
0.3095

 17.9038, 0.3140,
0.2981


 98.4032, 0.3136,
0.3112

 10.8810, 0.3141,
0.2929


126.2709, 0.3135,
0.3125

 5.9869, 0.3142,
0.2854

158.9580, 0.3135,
0.3137

 2.8371, 0.3142,
0.2742

196.8491, 0.3134,
0.3148

 1.0473, 0.3138,
0.2552

240.3285, 0.3134,

 0.0000, 0.2995,

0.3157


0.0000


289.7805, 0.3134,
0.3165

 0.0000, 0.0000,
0.0000


 39.8734, 0.3138,
0.3051


 39.8734, 0.3138,
0.3051


 33.8142, 0.3149,
0.2804


 46.8685, 0.3127,
0.3292


 28.6465, 0.3160,
0.2559


 54.8315, 0.3117,
0.3523


 24.3295, 0.3171,
0.2322

 63.7990, 0.3107,
0.3740

 20.8178, 0.3180,
0.2105

 73.8045, 0.3097,
0.3941

 18.0614, 0.3189,
0.1915

 84.8671, 0.3089,
0.4125

■ 16.0048, 0.3195,
0.1761

■ 84.8721, 0.3089,
0.4125

■ 14.5850, 0.3200,
0.1648

■ 84.8770, 0.3089,
0.4125

■ 13.7277, 0.3202,
0.1577

■ 84.8820, 0.3090,
0.4125

■ 13.2816, 0.3204,
0.1539

■ 84.8870, 0.3090,
0.4125

Harmonies

Analogous

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



39.8734, 0.2966, 0.2995



39.8734, 0.3138, 0.3051



39.8734, 0.3312, 0.3166

Triad

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



39.8734, 0.3138, 0.3051



39.8734, 0.3420, 0.3567



39.8734, 0.2826, 0.3254

Complementary

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



39.8734, 0.3138, 0.3051



44.0456, 0.3116, 0.3541

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.



39.8734, 0.2942, 0.3417



39.8734, 0.3138, 0.3051



39.8734, 0.3284, 0.3601

Square

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



39.8734, 0.3138, 0.3051



39.8734, 0.3477, 0.3460



39.8734, 0.3109, 0.3547



39.8734, 0.2790, 0.3106

Rectangle

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



39.8734, 0.3138, 0.3051



39.8734, 0.3403, 0.3263



39.8734, 0.3109, 0.3547



39.8734, 0.2857, 0.3309

Sweetspot

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



39.8751, 0.3138, 0.3051



80.7642, 0.3130, 0.3217



37.9322, 0.2975, 0.3043



17.6083, 0.3131, 0.3198



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.8751, 0.3138, 0.3051



69.5925, 0.3141, 0.2995



39.5309, 0.3215, 0.3165



9.1617, 0.3137, 0.3065



9.3736, 0.3204, 0.1539



0.3308, 0.3205, 0.1539

Inverse Universe

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



39.1834, 0.3298, 0.3290



68.0716, 0.3343, 0.3290



44.3669, 0.3048, 0.3418



9.0125, 0.3287, 0.3290



7.0239, 0.6398, 0.3298



0.2477, 0.6386, 0.3291

Previews

White Background



This preview shows how the Yxy color 39.8734, 0.3138, 0.3051 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 39.8734, 0.3138, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

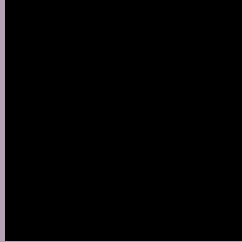
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8734, 0.3138, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 39.8734, 0.3138, 0.3051.



This preview shows how white text looks on a background with the Yxy color 39.8734, 0.3138, 0.3051.

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

39.8734, 0.3138, 0.3051

Protanopia

39.8329, 0.2987, 0.3058

Deuteranopia

39.9910, 0.3119, 0.3063



Tritanopia

39.9484, 0.3163, 0.3116

Trichromacy



Original Color

39.8734, 0.3138, 0.3051

Protanomaly

39.9824, 0.3039, 0.3060

Deuteranomaly

40.1114, 0.3129, 0.3064

Tritanomaly

39.9887, 0.3154, 0.3103

Monochromacy



Original Color

39.8734, 0.3138, 0.3051

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2144, 0.3132, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8734, 0.3138, 0.3051 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(182, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 182)  
}
```

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(182, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 182) }
```

Border

The CSS property to change the border of an element to Yxy 39.8734, 0.3138, 0.3051 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(182, 164, 182) }
```

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

```
.border{ border-color:rgb(182, 164, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 164, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 164, 182); box-shadow:4px 4px 4px 4px rgb(182, 164, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8734, 0.3138, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 182) }
```

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

```
.background{ background-color: rgb(182,  
164, 182) }
```

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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