

Converting Colors

Yxy(38.9597, 0.3148, 0.3050)

Have a look what the booklet for
Yxy(38.9597, 0.3148, 0.3050)
contains.

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Color

Yxy(38.9597, 0.3148, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	B5A2B4
RGB	181, 162, 180
RGB Percent	71%, 64%, 71%
CMY	0.2902, 0.3647, 0.2942
CMYK	0.00, 0.10, 0.01, 0.29
HSL	303°, 11%, 67%
HSV	303°, 10%, 71%
XYZ	40.2115, 38.9597, 48.5655
YIQ	169.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

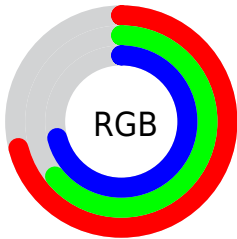
Format	Color
RYB	181, 162, 180
Decimal	11903668
CIELab	68.72, 10.17, -6.74
CIELCh	69, 12.201, 326.481
Yxy	38.9597, 0.3148, 0.3050
Android (android.graphics.Color)	4290093748 (0xFFB5A2B4)
YUV	169.7330, 5.0616, 9.8812
Hunter-Lab	62.4177, 5.7645, -2.4395

Details

The Yxy color **38.9597, 0.3148, 0.3050** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3743, 0.3107, 0.3542**, and the grayscale version is **40.0309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6864, 0.3144, 0.3093**, and **17.2734, 0.3155, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **32.9970, 0.3170, 0.2815**, and if you desaturate by 10%, it is **45.8439, 0.3128, 0.3279**.

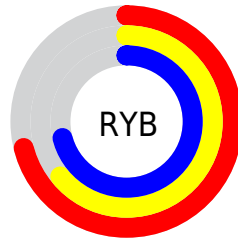
Distribution



Red (71%)

Green (64%)

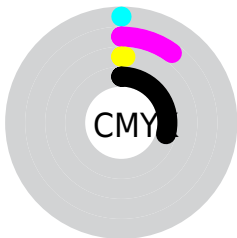
Blue (71%)



Red (71%)

Yellow (64%)

Blue (71%)

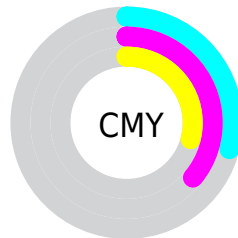


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9597, 0.3148, 0.3050 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 38.9597, 0.3148, 0.3050 by changing the saturation by 10% instead.


 38.9597, 0.3148,
0.3050


 38.9597, 0.3148,
0.3050


341.7191, 0.3138,
0.3172

 26.7284, 0.3150,
0.3019


 73.5768, 0.3145,
0.3095

 17.3693, 0.3153,
0.2979


 96.7313, 0.3143,
0.3111

 10.4982, 0.3156,
0.2926


124.2956, 0.3142,
0.3125

 5.7305, 0.3161,
0.2850

156.6543, 0.3141,
0.3137

 2.6819, 0.3166,
0.2734

194.1915, 0.3140,
0.3147

 0.9680, 0.3171,
0.2538

237.2918, 0.3140,


 0.0000, 0.2642,


0.3157


0.0000


286.3396, 0.3139,
0.3164


 0.0000, 0.0000,
0.0000

 38.9597, 0.3148,
0.3050


 38.9597, 0.3148,
0.3050

 32.9970, 0.3170,
0.2815


 45.8439, 0.3128,
0.3279


 27.9116, 0.3193,
0.2581


 53.6812, 0.3110,
0.3498


 23.6635, 0.3218,
0.2355

 62.5079, 0.3094,
0.3703

 20.2074, 0.3242,
0.2147

 72.3570, 0.3080,
0.3894

 17.4939, 0.3267,
0.1965

 83.2599, 0.3068,
0.4069

■ 15.4677, 0.3291,
0.1818

■ 84.8813, 0.3062,
0.4082

■ 14.0664, 0.3313,
0.1712

■ 84.9229, 0.3056,
0.4071

■ 13.2157, 0.3332,
0.1648

■ 84.9648, 0.3051,
0.4059

■ 12.7726, 0.3349,
0.1618

■ 85.0070, 0.3046,
0.4047

Harmonies

Analogous

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



38.9597, 0.2970, 0.2989



38.9597, 0.3148, 0.3050



38.9597, 0.3325, 0.3170

Triad

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



38.9597, 0.3148, 0.3050



38.9597, 0.3422, 0.3578



38.9597, 0.2815, 0.3244

Complementary

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



38.9597, 0.3148, 0.3050



43.3743, 0.3107, 0.3542

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.



38.9597, 0.2929, 0.3412



38.9597, 0.3148, 0.3050



38.9597, 0.3279, 0.3609

Square

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



38.9597, 0.3148, 0.3050



38.9597, 0.3485, 0.3471



38.9597, 0.3099, 0.3548



38.9597, 0.2782, 0.3095

Rectangle

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



38.9597, 0.3148, 0.3050



38.9597, 0.3417, 0.3270



38.9597, 0.3099, 0.3548



38.9597, 0.2845, 0.3300

Sweetspot

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



38.9614, 0.3148, 0.3050



78.7935, 0.3133, 0.3221



36.9621, 0.2974, 0.3023



16.8112, 0.3135, 0.3203



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.



38.9614, 0.3148, 0.3050



66.7090, 0.3154, 0.2986



38.5905, 0.3232, 0.3175



8.6387, 0.3146, 0.3077



8.8089, 0.3347, 0.1617



0.2796, 0.3305, 0.1594

Inverse Universe

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



38.9614, 0.3148, 0.3050



66.7090, 0.3154, 0.2986



43.7247, 0.3033, 0.3408



8.6387, 0.3146, 0.3077



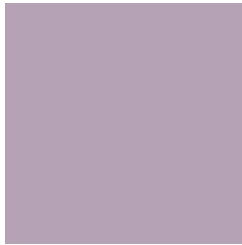
8.8089, 0.3347, 0.1617



0.2796, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 38.9597, 0.3148, 0.3050 looks on a white background.

Color Contrast Check

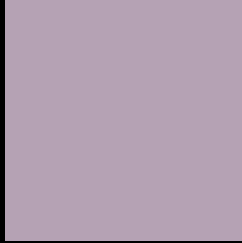
Large Text (above 18pt) WCAG AA × Fail

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 38.9597, 0.3148, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

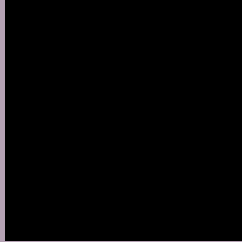
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9597, 0.3148, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 38.9597, 0.3148, 0.3050.



This preview shows how white text looks on a background with the Yxy color 38.9597, 0.3148, 0.3050.

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

38.9597, 0.3148, 0.3050

Protanopia

39.1633, 0.2985, 0.3069

Deuteranopia

39.0734, 0.3129, 0.3062



Tritanopia

39.0323, 0.3173, 0.3115

Trichromacy



Original Color

38.9597, 0.3148, 0.3050

Protanomaly

38.9456, 0.3038, 0.3058

Deuteranomaly

39.1930, 0.3138, 0.3062

Tritanomaly

39.0720, 0.3164, 0.3102

Monochromacy



Original Color

38.9597, 0.3148, 0.3050

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6921, 0.3132, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9597, 0.3148, 0.3050 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, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 180)  
}
```

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, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 180) }
```

Border

The CSS property to change the border of an element to Yxy 38.9597, 0.3148, 0.3050 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, 162, 180) }
```

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

```
.border{ border-color:rgb(181, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9597, 0.3148, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 180) }
```

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

```
.background{ background-color: rgb(181,  
162, 180) }
```

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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