

Converting Colors

Yxy(38.7097, 0.3057, 0.3089)

Have a look what the booklet for
Yxy(38.7097, 0.3057, 0.3089)
contains.

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Color

Yxy(38.8229, 0.3063, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	ABA5B3
RGB	171, 165, 179
RGB Percent	67%, 65%, 70%
CMY	0.3294, 0.3529, 0.2981
CMYK	0.04, 0.08, 0.00, 0.30
HSL	266°, 8%, 67%
HSV	266°, 8%, 70%
XYZ	38.3843, 38.8229, 48.1088
YIQ	168.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

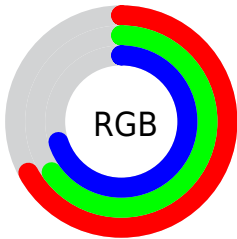
Format	Color
RYB	171, 165, 179
Decimal	11249075
CIELab	68.62, 4.83, -6.43
CIElCh	69, 8.039, 306.900
Yxy	38.8229, 0.3063, 0.3098
Android (android.graphics.Color)	4289439155 (0xFFABA5B3)
YUV	168.3900, 5.2307, 2.2890
Hunter-Lab	62.3080, 0.9243, -2.1629

Details

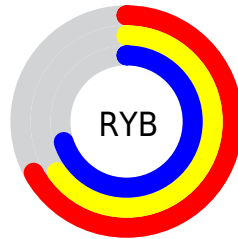
The Yxy color **38.8229, 0.3063, 0.3098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8338, 0.3188, 0.3481**, and the grayscale version is **39.3339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3533, 0.3071, 0.3131**, and **17.2386, 0.3049, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **31.7085, 0.2969, 0.2832**, and if you desaturate by 10%, it is **46.9330, 0.3144, 0.3341**.

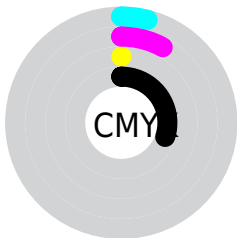
Distribution



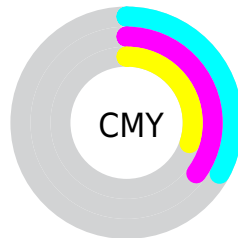
- Red (67%)
- Green (65%)
- Blue (70%)



- Red (67%)
- Yellow (65%)
- Blue (70%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)





- Cyan (33%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8229, 0.3063, 0.3098 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 38.8229, 0.3063, 0.3098 by changing the saturation by 10% instead.


 38.8229, 0.3063,
0.3098


 38.8229, 0.3063,
0.3098


341.1370, 0.3096,
0.3196

 26.6220, 0.3054,
0.3073


 73.3677, 0.3075,
0.3134

 17.2895, 0.3043,
0.3040


 96.4804, 0.3080,
0.3147

 10.4411, 0.3027,
0.2996


123.9991, 0.3084,
0.3159

 5.6924, 0.3003,
0.2933

156.3082, 0.3087,
0.3168

 2.6590, 0.2966,
0.2836

193.7922, 0.3090,
0.3177

 0.9564, 0.2898,
0.2668

236.8353, 0.3092,

 0.0000, 0.0000,

0.3184

0.0000

285.8221, 0.3095,
0.3190

■ 38.8229, 0.3063,
0.3098

■ 38.8229, 0.3063,
0.3098

■ 31.7085, 0.2969,
0.2832

■ 46.9330, 0.3144,
0.3341

■ 25.5457, 0.2861,
0.2547

■ 56.0711, 0.3212,
0.3561

■ 20.2940, 0.2739,
0.2248

■ 66.2738, 0.3270,
0.3759

■ 15.9083, 0.2605,
0.1945

■ 77.5746, 0.3318,
0.3934

■ 12.3395, 0.2461,
0.1650

■ 90.0056, 0.3359,
0.4091

9.5331, 0.2315,
0.1378

91.9904, 0.3426,
0.4078

7.4282, 0.2171,
0.1146

93.7557, 0.3495,
0.4060

5.9536, 0.2037,
0.0966

95.6223, 0.3564,
0.4041

4.9993, 0.1919,
0.0842

96.0340, 0.3579,
0.4037

Harmonies

Analogous

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



38.8229, 0.2961, 0.3091



38.8229, 0.3063, 0.3098



38.8229, 0.3184, 0.3154

Triad

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



38.8229, 0.3063, 0.3098



38.8229, 0.3355, 0.3440



38.8229, 0.2965, 0.3333

Complementary

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



38.8229, 0.3063, 0.3098



43.8338, 0.3188, 0.3481

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.



38.8229, 0.3068, 0.3432



38.8229, 0.3063, 0.3098



38.8229, 0.3294, 0.3493

Square

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



38.8229, 0.3063, 0.3098



38.8229, 0.3354, 0.3349



38.8229, 0.3188, 0.3491



38.8229, 0.2905, 0.3224

Rectangle

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



38.8229, 0.3063, 0.3098



38.8229, 0.3259, 0.3212



38.8229, 0.3188, 0.3491



38.8229, 0.2995, 0.3369

Sweetspot

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



38.8246, 0.3063, 0.3098



77.7148, 0.3111, 0.3241



41.2027, 0.3009, 0.3209



17.2526, 0.3112, 0.3244



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.



38.8246, 0.3063, 0.3098



67.7336, 0.3051, 0.3064



39.6105, 0.3125, 0.3102



8.4023, 0.3050, 0.3059



3.4434, 0.1907, 0.0824



0.1430, 0.2239, 0.1007

Inverse Universe

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



39.5115, 0.3188, 0.3182



69.1681, 0.3199, 0.3163



43.0759, 0.3128, 0.3484



8.5839, 0.3201, 0.3161



7.4674, 0.4633, 0.2326



0.2464, 0.4137, 0.2052

Previews

White Background



This preview shows how the Yxy color 38.8229, 0.3063, 0.3098 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 38.8229, 0.3063, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

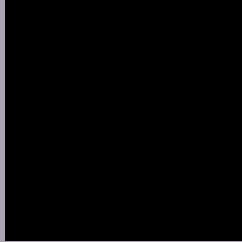
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

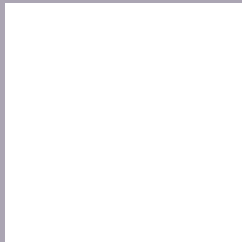
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8229, 0.3063, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 38.8229, 0.3063, 0.3098.

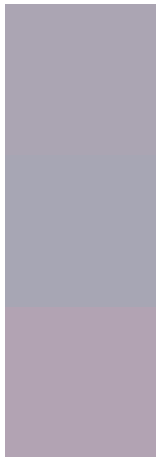


This preview shows how white text looks on a background with the Yxy color 38.8229, 0.3063, 0.3098.

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

38.8229, 0.3063, 0.3098

Protanopia

38.7832, 0.3018, 0.3096

Deuteranopia

38.9140, 0.3128, 0.3074



Tritanopia

38.7825, 0.3071, 0.3111

Trichromacy



Original Color

38.8229, 0.3063, 0.3098

Protanomaly

38.8926, 0.3027, 0.3097

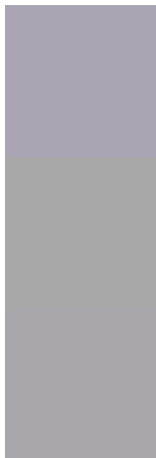
Deuteranomaly

38.9196, 0.3100, 0.3086

Tritanomaly

38.7825, 0.3071, 0.3111

Monochromacy



Original Color

38.8229, 0.3063, 0.3098

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0510, 0.3103, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8229, 0.3063, 0.3098 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(171, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 179)  
}
```

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(171, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 179) }
```

Border

The CSS property to change the border of an element to Yxy 38.8229, 0.3063, 0.3098 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(171, 165, 179) }
```

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

```
.border{ border-color:rgb(171, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 165, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 165, 179); box-shadow:4px 4px 4px 4px rgb(171, 165, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8229, 0.3063, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 179) }
```

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

```
.background{ background-color: rgb(171,  
165, 179) }
```

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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