

Converting Colors

$Yxy(38.9109, 0.3086, 0.2945)$

Have a look what the booklet for
Yxy(38.9109, 0.3086, 0.2945)
contains.

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Color

Yxy(38.9014, 0.3088, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	B5A1BB
RGB	181, 161, 187
RGB Percent	71%, 63%, 73%
CMY	0.2900, 0.3687, 0.2667
CMYK	0.03, 0.14, 0.00, 0.27
HSL	286°, 16%, 68%
HSV	286°, 14%, 73%
XYZ	40.7765, 38.9014, 52.3703
YIQ	169.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

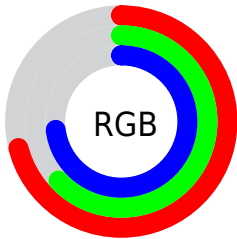
Format	Color
R _Y B	181, 161, 187
Decimal	11903419
CIE Lab	68.68, 12.10, -10.70
CIE LCh	69, 16.157, 318.520
Yxy	38.9014, 0.3088, 0.2946
Android (android.graphics.Color)	4290093499 (0xFFB5A1BB)
YUV	169.9440, 8.4086, 9.6961
Hunter-Lab	62.3710, 7.5493, -6.1236

Details

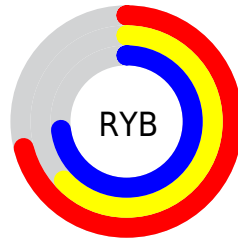
The Yxy color **38.9014, 0.3088, 0.2946** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.3219, 0.3160, 0.3648**, and the grayscale version is **40.1278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5873, 0.3098, 0.3013**, and **17.2477, 0.3070, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **32.3391, 0.3053, 0.2686**, and if you desaturate by 10%, it is **46.4604, 0.3117, 0.3196**.

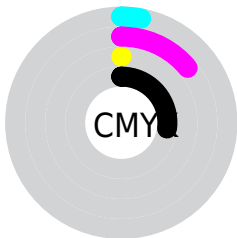
Distribution



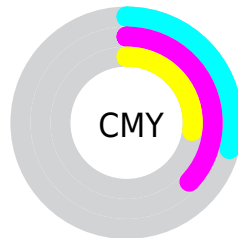
- Red (71%)
- Green (63%)
- Blue (73%)



- Red (71%)
- Yellow (63%)
- Blue (73%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)





- Cyan (29%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9014, 0.3088, 0.2946 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 38.9014, 0.3088, 0.2946 by changing the saturation by 10% instead.


 38.9014, 0.3088,
0.2946


 38.9014, 0.3088,
0.2946


341.4711, 0.3110,
0.3119

 26.6830, 0.3082,
0.2903


 73.4877, 0.3096,
0.3009

 17.3353, 0.3073,
0.2847


 96.6244, 0.3099,
0.3033

 10.4739, 0.3062,
0.2772


124.1693, 0.3102,
0.3053

 5.7142, 0.3043,
0.2667

156.5068, 0.3104,
0.3070

 2.6721, 0.3013,
0.2509

194.0214, 0.3106,
0.3085

 0.9631, 0.2953,
0.2248

237.0973, 0.3107,


 0.0000, 0.2100,


0.3097


0.0000

286.1191, 0.3109,
0.3109

 0.0000, 0.0000,
0.0000


 38.9014, 0.3088,
0.2946


 38.9014, 0.3088,
0.2946


 32.3391, 0.3053,
0.2686


 46.4604, 0.3117,
0.3196


 26.7250, 0.3011,
0.2421


 55.0516, 0.3141,
0.3432


 22.0142, 0.2964,
0.2161

 64.7153, 0.3160,
0.3650

 18.1561, 0.2911,
0.1915

 75.4878, 0.3175,
0.3851

 15.0950, 0.2853,
0.1694

 87.4037, 0.3186,
0.4033

■ 12.7685, 0.2793,
0.1509

■ 88.3363, 0.3213,
0.4032

■ 11.1048, 0.2732,
0.1366

■ 88.9609, 0.3240,
0.4026

■ 10.0173, 0.2671,
0.1269

■ 89.6023, 0.3268,
0.4020

■ 9.5306, 0.2635,
0.1225

■ 90.2607, 0.3296,
0.4013

Harmonies

Analogous

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



38.9014, 0.2865, 0.2890



38.9014, 0.3088, 0.2946



38.9014, 0.3330, 0.3085

Triad

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



38.9014, 0.3088, 0.2946



38.9014, 0.3552, 0.3640



38.9014, 0.2746, 0.3286

Complementary

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



38.9014, 0.3088, 0.2946



46.3219, 0.3160, 0.3648

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.



38.9014, 0.2919, 0.3508



38.9014, 0.3088, 0.2946



38.9014, 0.3384, 0.3715

Square

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



38.9014, 0.3088, 0.2946



38.9014, 0.3604, 0.3477



38.9014, 0.3152, 0.3669



38.9014, 0.2673, 0.3075

Rectangle

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



38.9014, 0.3088, 0.2946



38.9014, 0.3468, 0.3208



38.9014, 0.3152, 0.3669



38.9014, 0.2794, 0.3362

Sweetspot

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



38.9031, 0.3088, 0.2946



82.9853, 0.3117, 0.3192



38.8233, 0.2910, 0.3013



18.0353, 0.3115, 0.3174



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



38.9031, 0.3088, 0.2946



65.5230, 0.3077, 0.2859



39.3491, 0.3204, 0.3040



9.5831, 0.3102, 0.3061



6.6006, 0.2642, 0.1229



0.2860, 0.2785, 0.1308

Inverse Universe

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



38.8395, 0.3324, 0.3211



65.4046, 0.3381, 0.3191



45.9395, 0.3058, 0.3554



9.5712, 0.3253, 0.3238



7.4080, 0.5966, 0.3060



0.3005, 0.5281, 0.2683

Previews

White Background



This preview shows how the Yxy color 38.9014, 0.3088, 0.2946 looks on a white background.

Color Contrast Check

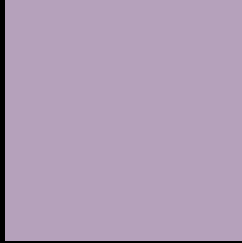
Large Text (above 18pt) WCAG AA × Fail

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 38.9014, 0.3088, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

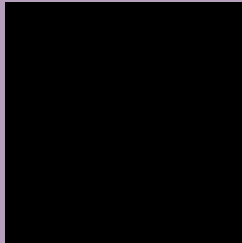
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9014, 0.3088, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 38.9014, 0.3088, 0.2946.



This preview shows how white text looks on a background with the Yxy color 38.9014, 0.3088, 0.2946.

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

38.9014, 0.3088, 0.2946

Protanopia

38.8827, 0.2912, 0.2961

Deuteranopia

38.8962, 0.3032, 0.2968



Tritanopia

38.9127, 0.3163, 0.3115

Trichromacy



Original Color

38.9014, 0.3088, 0.2946

Protanomaly

38.7711, 0.2971, 0.2951

Deuteranomaly

38.7756, 0.3051, 0.2956

Tritanomaly

38.8392, 0.3138, 0.3049

Monochromacy



Original Color

38.9014, 0.3088, 0.2946

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7707, 0.3115, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9014, 0.3088, 0.2946 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, 161, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 187)  
}
```

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, 161, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 187) }
```

Border

The CSS property to change the border of an element to Yxy 38.9014, 0.3088, 0.2946 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, 161, 187) }
```

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

```
.border{ border-color:rgb(181, 161, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9014, 0.3088, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 187) }
```

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

```
.background{ background-color: rgb(181,  
161, 187) }
```

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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