

Converting Colors

$Yxy(38.6837, 0.3318, 0.3132)$

Have a look what the booklet for
Yxy(38.6837, 0.3318, 0.3132)
contains.

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Color

Yxy(38.6837, 0.3318, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	BE9FAB
RGB	190, 159, 171
RGB Percent	75%, 62%, 67%
CMY	0.2550, 0.3764, 0.3293
CMYK	0.00, 0.16, 0.10, 0.26
HSL	337°, 19%, 68%
HSV	337°, 16%, 74%
XYZ	40.9810, 38.6837, 43.8465
YIQ	169.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

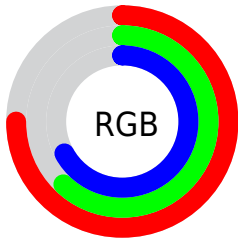
Format	Color
RYB	190, 159, 171
Decimal	12492715
CIELab	68.52, 13.42, -1.96
CIELCh	69, 13.559, 351.669
Yxy	38.6837, 0.3318, 0.3132
Android (android.graphics.Color)	4290682795 (0xFFBE9FAB)
YUV	169.6370, 0.6720, 17.8584
Hunter-Lab	62.1962, 8.7700, 1.7397

Details

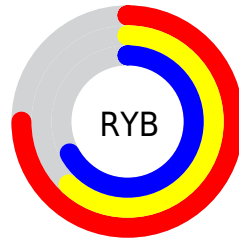
The Yxy color **38.6837, 0.3318, 0.3132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4010, 0.2968, 0.3454**, and the grayscale version is **39.9999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3583, 0.3287, 0.3168**, and **17.0815, 0.3372, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **32.2213, 0.3469, 0.3029**, and if you desaturate by 10%, it is **46.1928, 0.3194, 0.3231**.

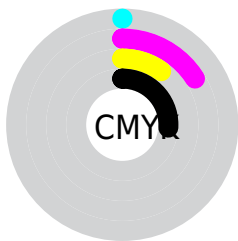
Distribution



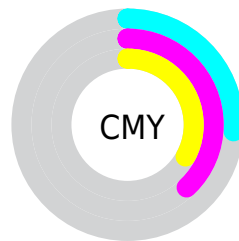
- Red (75%)
- Green (62%)
- Blue (67%)



- Red (75%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (26%)




- Cyan (26%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6837, 0.3318, 0.3132 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 38.6837, 0.3318, 0.3132 by changing the saturation by 10% instead.

 38.6837, 0.3318,
0.3132


 38.6837, 0.3318,
0.3132


340.5438, 0.3220,
0.3213

 26.5138, 0.3343,
0.3111


 73.1549, 0.3282,
0.3162

 17.2084, 0.3376,
0.3084


 96.2249, 0.3268,
0.3173

 10.3832, 0.3422,
0.3048


123.6970, 0.3257,
0.3182

 5.6537, 0.3487,
0.2995

155.9557, 0.3247,
0.3190

 2.6357, 0.3588,
0.2914

193.3854, 0.3239,
0.3197

 0.9446, 0.3770,
0.2772

236.3703, 0.3232,

 0.0000, 1.0000,

0.3203


0.0000


285.2950, 0.3226,
0.3208


 0.0000, 0.0000,
0.0000


 38.6837, 0.3318,
0.3132


 38.6837, 0.3318,
0.3132

 32.2213, 0.3469,
0.3029


 46.1928, 0.3194,
0.3231


 26.7536, 0.3651,
0.2925


 54.7870, 0.3092,
0.3324


 22.2321, 0.3867,
0.2825

 64.5094, 0.3008,
0.3409

 18.6021, 0.4120,
0.2738

 75.3991, 0.2939,
0.3488

 15.8032, 0.4405,
0.2674

 87.4931, 0.2883,
0.3561

■ 13.7675, 0.4714,
0.2645

■ 88.8021, 0.2823,
0.3442

■ 12.4160, 0.5028,
0.2664

■ 89.5185, 0.2765,
0.3316

■ 11.6467, 0.5325,
0.2735

■ 89.6839, 0.2752,
0.3289

■ 11.4344, 0.5432,
0.2766

Harmonies

Analogous

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



38.6837, 0.3117, 0.3008



38.6837, 0.3318, 0.3132



38.6837, 0.3470, 0.3297

Triad

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



38.6837, 0.3318, 0.3132



38.6837, 0.3325, 0.3647



38.6837, 0.2742, 0.3095

Complementary

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



38.6837, 0.3318, 0.3132



47.4010, 0.2968, 0.3454

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.



38.6837, 0.2795, 0.3268



38.6837, 0.3318, 0.3132



38.6837, 0.3127, 0.3596

Square

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



38.6837, 0.3318, 0.3132



38.6837, 0.3473, 0.3596



38.6837, 0.2934, 0.3455



38.6837, 0.2789, 0.2982

Rectangle

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



38.6837, 0.3318, 0.3132



38.6837, 0.3521, 0.3412



38.6837, 0.2934, 0.3455



38.6837, 0.2749, 0.3148

Sweetspot

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



38.6854, 0.3318, 0.3132



85.5227, 0.3180, 0.3242



37.9334, 0.3032, 0.2878



18.5495, 0.3188, 0.3236



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.6854, 0.3318, 0.3132



65.1847, 0.3375, 0.3091



39.3263, 0.3425, 0.3332



9.5960, 0.3229, 0.3201



7.6198, 0.5398, 0.2747



0.3114, 0.4754, 0.2393

Inverse Universe

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



38.6854, 0.3318, 0.3132



65.1847, 0.3375, 0.3091



46.5779, 0.2882, 0.3247



9.5960, 0.3229, 0.3201



7.6198, 0.5398, 0.2747



0.3114, 0.4754, 0.2393

Previews

White Background



This preview shows how the Yxy color 38.6837, 0.3318, 0.3132 looks on a white background.

Color Contrast Check

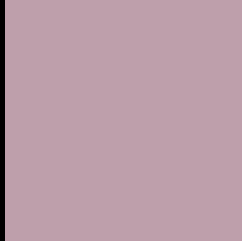
Large Text (above 18pt) WCAG AA × Fail

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 38.6837, 0.3318, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

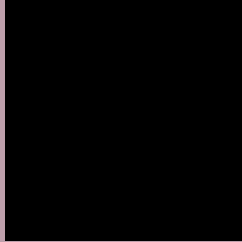
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6837, 0.3318, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 38.6837, 0.3318, 0.3132.



This preview shows how white text looks on a background with the Yxy color 38.6837, 0.3318, 0.3132.

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

38.6837, 0.3318, 0.3132

Protanopia

38.6924, 0.3069, 0.3165

Deuteranopia

38.6880, 0.3246, 0.3182



Tritanopia

38.6837, 0.3318, 0.3132

Trichromacy



Original Color

38.6837, 0.3318, 0.3132

Protanomaly

38.4805, 0.3153, 0.3140

Deuteranomaly

38.7063, 0.3276, 0.3170

Tritanomaly

38.6837, 0.3318, 0.3132

Monochromacy



Original Color

38.6837, 0.3318, 0.3132

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5218, 0.3195, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6837, 0.3318, 0.3132 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(190, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 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(190, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 171) }
```

Border

The CSS property to change the border of an element to Yxy 38.6837, 0.3318, 0.3132 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(190, 159, 171) }
```

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

```
.border{ border-color:rgb(190, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6837, 0.3318, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 171) }
```

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

```
.background{ background-color: rgb(190,  
159, 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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