

Converting Colors

$Y_{xy}(37.8809, 0.3312, 0.3175)$

Have a look what the booklet for
Yxy(37.8809, 0.3312, 0.3175)
contains.

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Color

Yxy(38.0254, 0.3317, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	BA9FA7
RGB	186, 159, 167
RGB Percent	73%, 62%, 65%
CMY	0.2705, 0.3765, 0.3451
CMYK	0.00, 0.15, 0.10, 0.27
HSL	342°, 16%, 68%
HSV	342°, 15%, 73%
XYZ	39.6262, 38.0254, 41.8124
YIQ	167.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

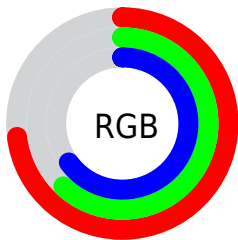
Format	Color
RYB	186, 159, 167
Decimal	12230567
CIELab	68.04, 11.29, -0.48
CIELCh	68, 11.295, 357.586
Yxy	38.0254, 0.3317, 0.3183
Android (android.graphics.Color)	4290420647 (0xFFBA9FA7)
YUV	167.9850, -0.4856, 15.7992
Hunter-Lab	61.6647, 6.7921, 2.9631

Details

The Yxy color **38.0254, 0.3317, 0.3183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7107, 0.2967, 0.3400**, and the grayscale version is **39.1493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2443, 0.3279, 0.3207**, and **16.9495, 0.3381, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **31.6438, 0.3484, 0.3104**, and if you desaturate by 10%, it is **45.4222, 0.3180, 0.3258**.

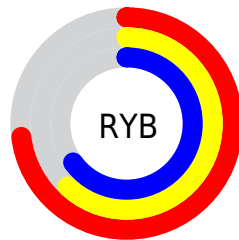
Distribution



Red (73%)

Green (62%)

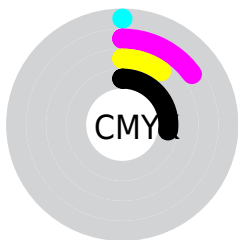
Blue (65%)



Red (73%)

Yellow (62%)

Blue (65%)

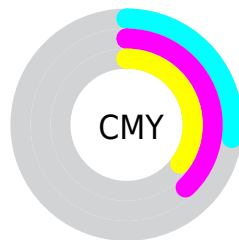


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0254, 0.3317, 0.3183 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 38.0254, 0.3317, 0.3183 by changing the saturation by 10% instead.


 38.0254, 0.3317,
0.3183


 38.0254, 0.3317,
0.3183


337.7289, 0.3219,
0.3238

 26.0024, 0.3343,
0.3169


 72.1471, 0.3281,
0.3204

 16.8254, 0.3376,
0.3150


 95.0145, 0.3267,
0.3211

 10.1101, 0.3422,
0.3124


122.2656, 0.3256,
0.3217

 5.4720, 0.3489,
0.3087

154.2847, 0.3246,
0.3223

 2.5268, 0.3594,
0.3028

191.4561, 0.3238,
0.3228

 0.8900, 0.3787,
0.2922

234.1644, 0.3231,

 0.0000, 1.0000,

0.3232


0.0000

282.7939, 0.3225,
0.3235


 0.0000, 0.0000,
0.0000

 38.0254, 0.3317,
0.3183


 38.0254, 0.3317,
0.3183


 31.6438, 0.3484,
0.3104


 45.4222, 0.3180,
0.3258


 26.2279, 0.3688,
0.3024


 53.8705, 0.3069,
0.3328


 21.7318, 0.3933,
0.2947

 63.4115, 0.2978,
0.3392

 18.1038, 0.4223,
0.2880

 74.0822, 0.2904,
0.3450

 15.2871, 0.4553,
0.2832

 85.9181, 0.2842,
0.3504

■ 13.2179, 0.4913,
0.2815

■ 88.5869, 0.2778,
0.3391

■ 11.8228, 0.5276,
0.2839

■ 89.1813, 0.2731,
0.3289

■ 11.0134, 0.5610,
0.2909

■ 10.7184, 0.5777,
0.2956

Harmonies

Analogous

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



38.0254, 0.3153, 0.3069



38.0254, 0.3317, 0.3183



38.0254, 0.3431, 0.3326

Triad

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



38.0254, 0.3317, 0.3183



38.0254, 0.3263, 0.3586



38.0254, 0.2805, 0.3104

Complementary

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



38.0254, 0.3317, 0.3183



45.7107, 0.2967, 0.3400

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.



38.0254, 0.2833, 0.3242



38.0254, 0.3317, 0.3183



38.0254, 0.3094, 0.3527

Square

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



38.0254, 0.3317, 0.3183



38.0254, 0.3398, 0.3561



38.0254, 0.2938, 0.3398



38.0254, 0.2860, 0.3021

Rectangle

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



38.0254, 0.3317, 0.3183



38.0254, 0.3461, 0.3421



38.0254, 0.2938, 0.3398



38.0254, 0.2805, 0.3145

Sweetspot

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



38.0271, 0.3317, 0.3183



82.9737, 0.3175, 0.3261



37.7960, 0.3068, 0.2928



18.0325, 0.3184, 0.3256



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.



38.0271, 0.3317, 0.3183



65.5442, 0.3360, 0.3162



39.6394, 0.3382, 0.3364



9.0548, 0.3243, 0.3222



7.2211, 0.5743, 0.2937



0.2658, 0.4989, 0.2522

Inverse Universe

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



38.0271, 0.3317, 0.3183



65.5442, 0.3360, 0.3162



43.8075, 0.2907, 0.3215



9.0548, 0.3243, 0.3222



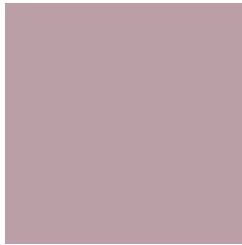
7.2211, 0.5743, 0.2937



0.2658, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 38.0254, 0.3317, 0.3183 looks on a white background.

Color Contrast Check

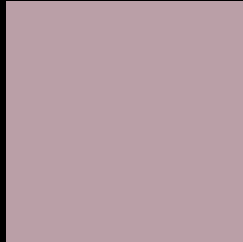
Large Text (above 18pt) WCAG AA × Fail

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 38.0254, 0.3317, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

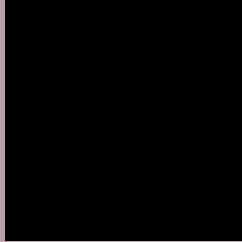
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0254, 0.3317, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 38.0254, 0.3317, 0.3183.



This preview shows how white text looks on a background with the Yxy color 38.0254, 0.3317, 0.3183.

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

38.0254, 0.3317, 0.3183

Protanopia

38.1754, 0.3103, 0.3206

Deuteranopia

38.2248, 0.3275, 0.3209



Tritanopia

37.9588, 0.3291, 0.3117

Trichromacy



Original Color

38.0254, 0.3317, 0.3183

Protanomaly

38.2106, 0.3179, 0.3194

Deuteranomaly

37.9989, 0.3286, 0.3196

Tritanomaly

37.9208, 0.3300, 0.3130

Monochromacy



Original Color

38.0254, 0.3317, 0.3183

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8514, 0.3195, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0254, 0.3317, 0.3183 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(186, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 167)  
}
```

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(186, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.0254, 0.3317, 0.3183 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(186, 159, 167) }
```

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

```
.border{ border-color:rgb(186, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(186, 159,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0254, 0.3317, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 167) }
```

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

```
.background{ background-color: rgb(186,  
159, 167) }
```

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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