

Converting Colors

$Yxy(38.1701, 0.3305, 0.3061)$

Have a look what the booklet for
Yxy(38.1701, 0.3305, 0.3061)
contains.

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Color

Yxy(38.2463, 0.3303, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	BF9DAE
RGB	191, 157, 174
RGB Percent	75%, 62%, 68%
CMY	0.2509, 0.3843, 0.3176
CMYK	0.00, 0.18, 0.09, 0.25
HSL	330°, 21%, 68%
HSV	330°, 18%, 75%
XYZ	41.1893, 38.2463, 45.2671
YIQ	169.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

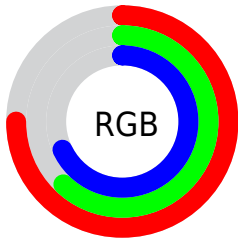
Format	Color
R _Y B	191, 157, 174
Decimal	12557742
CIE Lab	68.20, 15.43, -4.09
CIE LCh	68, 15.967, 345.143
Yxy	38.2463, 0.3303, 0.3067
Android (android.graphics.Color)	4290747822 (0xFFBF9DAE)
YUV	169.1040, 2.4137, 19.2028
Hunter-Lab	61.8436, 10.6589, -0.1074

Details

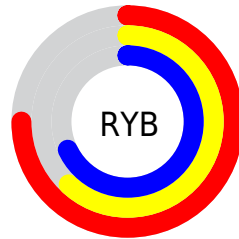
The Yxy color **38.2463, 0.3303, 0.3067** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4962, 0.2981, 0.3524**, and the grayscale version is **39.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7006, 0.3276, 0.3117**, and **17.0316, 0.3347, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **31.9228, 0.3430, 0.2935**, and if you desaturate by 10%, it is **45.6102, 0.3197, 0.3195**.

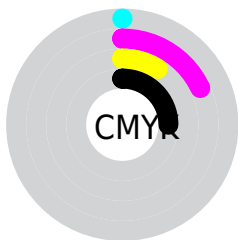
Distribution



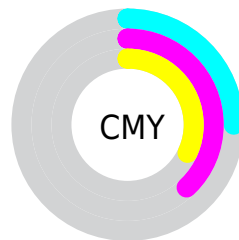
- Red (75%)
- Green (62%)
- Blue (68%)



- Red (75%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (25%)




- Cyan (25%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2463, 0.3303, 0.3067 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 38.2463, 0.3303, 0.3067 by changing the saturation by 10% instead.


 38.2463, 0.3303,
0.3067


 38.2463, 0.3303,
0.3067


338.6754, 0.3213,
0.3180

 26.1739, 0.3326,
0.3038

 72.4855, 0.3270,
0.3109

 16.9538, 0.3356,
0.3001


 95.4211, 0.3258,
0.3124

 10.2015, 0.3397,
0.2950


122.7465, 0.3247,
0.3137

 5.5328, 0.3456,
0.2878

154.8462, 0.3238,
0.3148

 2.5631, 0.3546,
0.2768

192.1045, 0.3231,
0.3158

 0.9082, 0.3706,
0.2578

234.9059, 0.3224,

 0.0000, 0.7297,

0.3166

0.0000

283.6347, 0.3218,
0.3174

■ 0.0000, 0.0000,
0.0000

■ 38.2463, 0.3303,
0.3067

■ 38.2463, 0.3303,
0.3067

■ 31.9228, 0.3430,
0.2935

■ 45.6102, 0.3197,
0.3195

■ 26.5872, 0.3581,
0.2802

■ 54.0537, 0.3109,
0.3316

■ 22.1902, 0.3757,
0.2675

■ 63.6203, 0.3037,
0.3428

■ 18.6759, 0.3959,
0.2564

■ 74.3494, 0.2977,
0.3533

■ 15.9829, 0.4184,
0.2479

■ 86.2785, 0.2927,
0.3628

■ 14.0413, 0.4425,
0.2434

■ 88.3854, 0.2878,
0.3547

■ 12.7696, 0.4671,
0.2438

■ 88.9404, 0.2829,
0.3441

■ 12.0460, 0.4910,
0.2493

■ 89.5252, 0.2780,
0.3338

■ 11.9168, 0.4962,
0.2507

■ 89.8198, 0.2757,
0.3289

Harmonies

Analogous

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



38.2463, 0.3061, 0.2937



38.2463, 0.3303, 0.3067



38.2463, 0.3502, 0.3253

Triad

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



38.2463, 0.3303, 0.3067



38.2463, 0.3406, 0.3710



38.2463, 0.2678, 0.3097

Complementary

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



38.2463, 0.3303, 0.3067



47.4962, 0.2981, 0.3524

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.



38.2463, 0.2763, 0.3311



38.2463, 0.3303, 0.3067



38.2463, 0.3179, 0.3678

Square

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



38.2463, 0.3303, 0.3067



38.2463, 0.3561, 0.3623



38.2463, 0.2944, 0.3529



38.2463, 0.2708, 0.2947

Rectangle

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



38.2463, 0.3303, 0.3067



38.2463, 0.3580, 0.3388



38.2463, 0.2944, 0.3529



38.2463, 0.2694, 0.3164

Sweetspot

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



38.2480, 0.3303, 0.3067



85.6056, 0.3171, 0.3229



36.8088, 0.2985, 0.2832



18.5701, 0.3178, 0.3220



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.



38.2480, 0.3303, 0.3067



64.2923, 0.3345, 0.3021



37.6446, 0.3461, 0.3283



9.6139, 0.3212, 0.3176



7.8454, 0.4933, 0.2491



0.3205, 0.4413, 0.2205

Inverse Universe

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



38.2480, 0.3303, 0.3067



64.2923, 0.3345, 0.3021



48.1782, 0.2866, 0.3297



9.6139, 0.3212, 0.3176



7.8454, 0.4933, 0.2491



0.3205, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 38.2463, 0.3303, 0.3067 looks on a white background.

Color Contrast Check

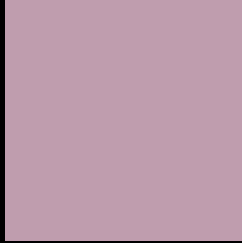
Large Text (above 18pt) WCAG AA × Fail

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 38.2463, 0.3303, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

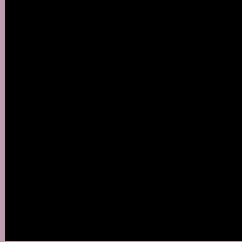
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2463, 0.3303, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 38.2463, 0.3303, 0.3067.



This preview shows how white text looks on a background with the Yxy color 38.2463, 0.3303, 0.3067.

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

38.2463, 0.3303, 0.3067

Protanopia

38.2719, 0.3018, 0.3095

Deuteranopia

38.0906, 0.3192, 0.3127



Tritanopia

38.3031, 0.3329, 0.3132

Trichromacy



Original Color

38.2463, 0.3303, 0.3067

Protanomaly

38.1289, 0.3118, 0.3085

Deuteranomaly

38.2260, 0.3231, 0.3116

Tritanomaly

38.3411, 0.3320, 0.3119

Monochromacy



Original Color

38.2463, 0.3303, 0.3067

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1977, 0.3187, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2463, 0.3303, 0.3067 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(191, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 157, 174)  
}
```

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(191, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 157, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.2463, 0.3303, 0.3067 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(191, 157, 174) }
```

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

```
.border{ border-color:rgb(191, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 157,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2463, 0.3303, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 157, 174) }
```

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

```
.background{ background-color: rgb(191,  
157, 174) }
```

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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