

Converting Colors

Yxy(38.4401, 0.3285, 0.3100)

Have a look what the booklet for
Yxy(38.4401, 0.3285, 0.3100)
contains.

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Color

Yxy(38.5048, 0.3280, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	BC9FAD
RGB	188, 159, 173
RGB Percent	74%, 62%, 68%
CMY	0.2629, 0.3764, 0.3215
CMYK	0.00, 0.15, 0.08, 0.26
HSL	331°, 18%, 68%
HSV	331°, 15%, 74%
XYZ	40.6750, 38.5048, 44.8293
YIQ	169.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

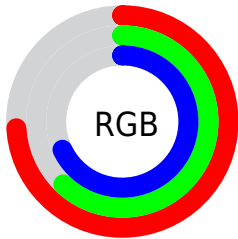
Format	Color
RYB	188, 159, 173
Decimal	12361645
CIELab	68.39, 13.04, -3.28
CIELCh	68, 13.443, 345.857
Yxy	38.5048, 0.3280, 0.3105
Android (android.graphics.Color)	4290551725 (0xFFBC9FAD)
YUV	169.2670, 1.8404, 16.4288
Hunter-Lab	62.0522, 8.4145, 0.6029

Details

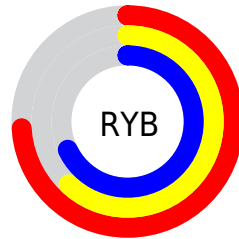
The Yxy color **38.5048, 0.3280, 0.3105** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3803, 0.2997, 0.3483**, and the grayscale version is **39.8010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9277, 0.3251, 0.3146**, and **17.0468, 0.3331, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **32.1626, 0.3405, 0.2978**, and if you desaturate by 10%, it is **45.8608, 0.3176, 0.3227**.

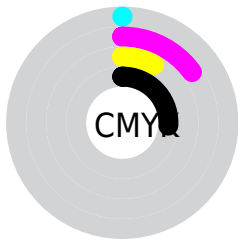
Distribution



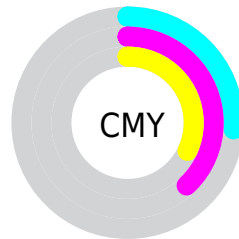
- Red (74%)
- Green (62%)
- Blue (68%)



- Red (74%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (26%)




- Cyan (26%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5048, 0.3280, 0.3105 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 38.5048, 0.3280, 0.3105 by changing the saturation by 10% instead.


 38.5048, 0.3280,
0.3105


 38.5048, 0.3280,
0.3105

339.7805, 0.3202,
0.3199

 26.3747, 0.3300,
0.3081


 72.8812, 0.3251,
0.3140

 17.1042, 0.3326,
0.3050


 95.8963, 0.3240,
0.3153

 10.3088, 0.3362,
0.3007


123.3086, 0.3231,
0.3163

 5.6042, 0.3413,
0.2947

155.5023, 0.3224,
0.3173

 2.6059, 0.3493,
0.2854

192.8620, 0.3217,
0.3181

 0.9296, 0.3634,
0.2692

235.7720, 0.3211,

 0.0000, 0.8066,

0.3188


0.0000

284.6167, 0.3206,
0.3194


 0.0000, 0.0000,
0.0000

 38.5048, 0.3280,
0.3105


 38.5048, 0.3280,
0.3105

 32.1626, 0.3405,
0.2978

 45.8608, 0.3176,
0.3227


 26.7844, 0.3555,
0.2849


 54.2675, 0.3090,
0.3342


 22.3234, 0.3731,
0.2725

 63.7662, 0.3018,
0.3448

 18.7274, 0.3935,
0.2613

 74.3944, 0.2960,
0.3547

 15.9385, 0.4164,
0.2524

 86.1880, 0.2911,
0.3637

■ 13.8918, 0.4412,
0.2471

■ 87.9922, 0.2861,
0.3548

■ 12.5123, 0.4668,
0.2466

■ 88.5571, 0.2811,
0.3440

■ 11.7073, 0.4918,
0.2514

■ 89.1529, 0.2763,
0.3335

■ 11.4405, 0.5032,
0.2546

■ 89.4274, 0.2741,
0.3289

Harmonies

Analogous

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



38.5048, 0.3077, 0.2993



38.5048, 0.3280, 0.3105



38.5048, 0.3445, 0.3264

Triad

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



38.5048, 0.3280, 0.3105



38.5048, 0.3358, 0.3642



38.5048, 0.2748, 0.3126

Complementary

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



38.5048, 0.3280, 0.3105



46.3803, 0.2997, 0.3483

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.



38.5048, 0.2818, 0.3305



38.5048, 0.3280, 0.3105



38.5048, 0.3167, 0.3612

Square

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



38.5048, 0.3280, 0.3105



38.5048, 0.3490, 0.3574



38.5048, 0.2970, 0.3486



38.5048, 0.2775, 0.3000

Rectangle

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



38.5048, 0.3280, 0.3105



38.5048, 0.3508, 0.3378



38.5048, 0.2970, 0.3486



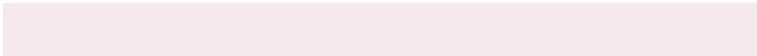
38.5048, 0.2760, 0.3182

Sweetspot

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



38.5065, 0.3280, 0.3105



83.6067, 0.3173, 0.3231



37.3714, 0.3011, 0.2899



17.7636, 0.3179, 0.3222



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.



38.5065, 0.3280, 0.3105



66.3028, 0.3314, 0.3069



37.9926, 0.3412, 0.3291



9.6111, 0.3215, 0.3180



7.8071, 0.5004, 0.2530



0.3190, 0.4463, 0.2232

Inverse Universe

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



38.5065, 0.3280, 0.3105



66.3028, 0.3314, 0.3069



46.9549, 0.2897, 0.3289



9.6111, 0.3215, 0.3180



7.8071, 0.5004, 0.2530



0.3190, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 38.5048, 0.3280, 0.3105 looks on a white background.

Color Contrast Check

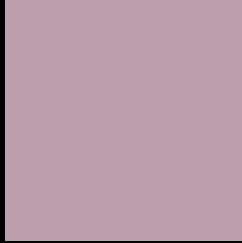
Large Text (above 18pt) WCAG AA × Fail

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 38.5048, 0.3280, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

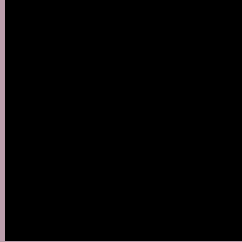
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5048, 0.3280, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 38.5048, 0.3280, 0.3105.



This preview shows how white text looks on a background with the Yxy color 38.5048, 0.3280, 0.3105.

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

38.5048, 0.3280, 0.3105

Protanopia

38.6623, 0.3043, 0.3137

Deuteranopia

38.6430, 0.3219, 0.3155



Tritanopia

38.4662, 0.3290, 0.3118

Trichromacy



Original Color

38.5048, 0.3280, 0.3105

Protanomaly

38.4429, 0.3126, 0.3112

Deuteranomaly

38.6586, 0.3249, 0.3143

Tritanomaly

38.4662, 0.3290, 0.3118

Monochromacy



Original Color

38.5048, 0.3280, 0.3105

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0427, 0.3186, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5048, 0.3280, 0.3105 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(188, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 159, 173)  
}
```

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(188, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 159, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.5048, 0.3280, 0.3105 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(188, 159, 173) }
```

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

```
.border{ border-color:rgb(188, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 159,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5048, 0.3280, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 159, 173) }
```

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

```
.background{ background-color: rgb(188,  
159, 173) }
```

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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