

Converting Colors

$Yxy(38.6176, 0.3048, 0.2976)$

Have a look what the booklet for
Yxy(38.6176, 0.3048, 0.2976)
contains.

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Color

Yxy(38.4998, 0.3041, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	AFA2BA
RGB	175, 162, 186
RGB Percent	69%, 64%, 73%
CMY	0.3138, 0.3647, 0.2706
CMYK	0.06, 0.13, 0.00, 0.27
HSL	272°, 15%, 68%
HSV	272°, 13%, 73%
XYZ	39.4600, 38.4998, 51.8002
YIQ	168.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

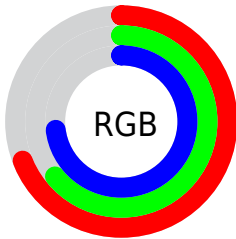
Format	Color
RYB	175, 162, 186
Decimal	11510458
CIELab	68.39, 9.26, -10.63
CIELCh	68, 14.103, 311.053
Yxy	38.4998, 0.3041, 0.2967
Android (android.graphics.Color)	4289700538 (0xFFAFA2BA)
YUV	168.6230, 8.5669, 5.5926
Hunter-Lab	62.0482, 4.9341, -6.0638

Details

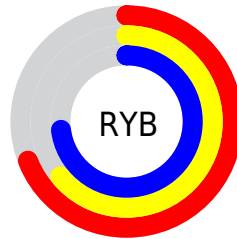
The Yxy color **38.4998, 0.3041, 0.2967** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.6080, 0.3204, 0.3615**, and the grayscale version is **39.4374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0254, 0.3062, 0.3030**, and **16.9829, 0.3005, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **31.4698, 0.2961, 0.2696**, and if you desaturate by 10%, it is **46.5645, 0.3109, 0.3220**.

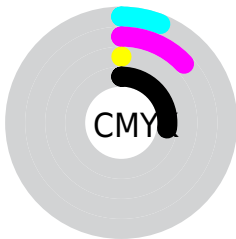
Distribution



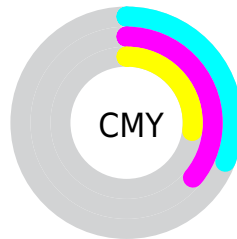
- Red (69%)
- Green (64%)
- Blue (73%)



- Red (69%)
- Yellow (64%)
- Blue (73%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4998, 0.3041, 0.2967 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 38.4998, 0.3041, 0.2967 by changing the saturation by 10% instead.

■ 38.4998, 0.3041,
0.2967

■ 38.4998, 0.3041,
0.2967

■ 339.7591, 0.3087,
0.3130

■ 26.3708, 0.3029,
0.2926

■ 72.8736, 0.3058,
0.3027

■ 17.1013, 0.3013,
0.2872

■ 95.8871, 0.3064,
0.3049

■ 10.3067, 0.2990,
0.2801

■ 123.2977, 0.3070,
0.3068

■ 5.6028, 0.2957,
0.2700

■ 155.4896, 0.3074,
0.3084

■ 2.6051, 0.2904,
0.2547

■ 192.8474, 0.3078,
0.3098

■ 0.9292, 0.2805,
0.2290

■ 235.7553, 0.3081,

■ 0.0000, 0.0932,

0.3110

0.0000

284.5977, 0.3084,
0.3121

0.0000, 0.0000,
0.0000

38.4998, 0.3041,
0.2967

38.4998, 0.3041,
0.2967

31.4698, 0.2961,
0.2696

46.5645, 0.3109,
0.3220

25.4262, 0.2870,
0.2411

55.7000, 0.3167,
0.3453

20.3239, 0.2767,
0.2121

65.9465, 0.3216,
0.3665

16.1122, 0.2654,
0.1837

77.3407, 0.3256,
0.3856

12.7358, 0.2535,
0.1570

89.9151, 0.3289,
0.4027

10.1326, 0.2412,
0.1335

91.2614, 0.3345,
0.4014

8.2318, 0.2293,
0.1145

92.6763, 0.3401,
0.4001

6.9486, 0.2180,
0.1007

94.1608, 0.3458,
0.3987

6.2937, 0.2106,
0.0934

95.7158, 0.3516,
0.3974

Harmonies

Analogous

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



38.4998, 0.2857, 0.2940



38.4998, 0.3041, 0.2967



38.4998, 0.3254, 0.3073

Triad

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



38.4998, 0.3041, 0.2967



38.4998, 0.3521, 0.3568



38.4998, 0.2823, 0.3337

Complementary

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



38.4998, 0.3041, 0.2967



46.6080, 0.3204, 0.3615

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.



38.4998, 0.2993, 0.3522



38.4998, 0.3041, 0.2967



38.4998, 0.3397, 0.3655

Square

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



38.4998, 0.3041, 0.2967



38.4998, 0.3537, 0.3413



38.4998, 0.3203, 0.3641



38.4998, 0.2734, 0.3145

Rectangle

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



38.4998, 0.3041, 0.2967



38.4998, 0.3384, 0.3176



38.4998, 0.3203, 0.3641



38.4998, 0.2872, 0.3403

Sweetspot

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



38.5014, 0.3041, 0.2967



82.5984, 0.3102, 0.3192



41.1911, 0.2929, 0.3114



17.9346, 0.3097, 0.3173



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.



38.5014, 0.3041, 0.2967



66.6280, 0.3023, 0.2905



39.7925, 0.3149, 0.2987



8.9525, 0.3067, 0.3060



4.2796, 0.2119, 0.0941



0.1872, 0.2394, 0.1092

Inverse Universe

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



39.2990, 0.3257, 0.3144



68.3270, 0.3285, 0.3116



45.4337, 0.3105, 0.3613



9.0789, 0.3218, 0.3186



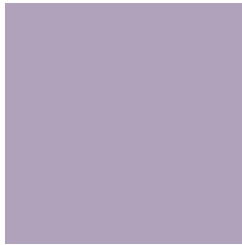
7.4824, 0.5105, 0.2586



0.2763, 0.4493, 0.2249

Previews

White Background



This preview shows how the Yxy color 38.4998, 0.3041, 0.2967 looks on a white background.

Color Contrast Check

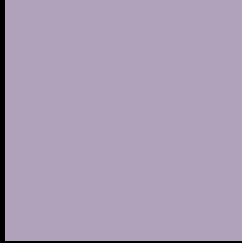
Large Text (above 18pt) WCAG AA × Fail

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 38.4998, 0.3041, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

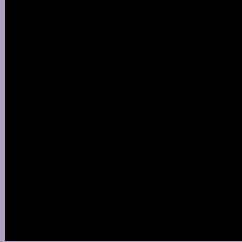
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4998, 0.3041, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 38.4998, 0.3041, 0.2967.



This preview shows how white text looks on a background with the Yxy color 38.4998, 0.3041, 0.2967.

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

38.4998, 0.3041, 0.2967

Protanopia

38.6898, 0.2919, 0.2986

Deuteranopia

38.3845, 0.3032, 0.2966



Tritanopia

38.6842, 0.3116, 0.3126

Trichromacy



Original Color

38.4998, 0.3041, 0.2967

Protanomaly

38.7136, 0.2961, 0.2989

Deuteranomaly

38.3845, 0.3032, 0.2966

Tritanomaly

38.4883, 0.3082, 0.3058

Monochromacy



Original Color

38.4998, 0.3041, 0.2967

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0255, 0.3096, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4998, 0.3041, 0.2967 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(175, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 186)  
}
```

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(175, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 186) }
```

Border

The CSS property to change the border of an element to Yxy 38.4998, 0.3041, 0.2967 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(175, 162, 186) }
```

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

```
.border{ border-color:rgb(175, 162, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4998, 0.3041, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 186) }
```

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

```
.background{ background-color: rgb(175,  
162, 186) }
```

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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