

Converting Colors

$Y_{xy}(27.9003, 0.3836, 0.3078)$

Have a look what the booklet for
Yxy(27.9003, 0.3836, 0.3078)
contains.

Yxy(27.9003, 0.3836, 0.3078)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.9003, 0.3836, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	C57B8B
RGB	197, 123, 139
RGB Percent	77%, 48%, 55%
CMY	0.2274, 0.5177, 0.4550
CMYK	0.00, 0.38, 0.29, 0.23
HSL	347°, 39%, 63%
HSV	347°, 38%, 77%
XYZ	34.7711, 27.9003, 27.9728
YIQ	146.9500, 38.9680, 20.6640

Conversions

Conversions Part 2

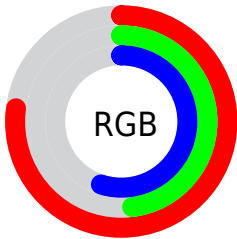
Format	Color
RYB	197, 123, 139
Decimal	12942219
CIELab	59.80, 30.88, 3.55
CIElCh	60, 31.084, 6.549
Yxy	27.9003, 0.3836, 0.3078
Android (android.graphics.Color)	4291132299 (0xFFC57B8B)
YUV	146.9500, -3.9193, 43.8939
Hunter-Lab	52.8207, 25.0677, 5.5757

Details

The Yxy color **27.9003, 0.3836, 0.3078** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4877, 0.2703, 0.3519**, and the grayscale version is **29.1607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1164, 0.3690, 0.3124**, and **11.1491, 0.4086, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **23.0757, 0.4131, 0.3024**, and if you desaturate by 10%, it is **33.7749, 0.3591, 0.3136**.

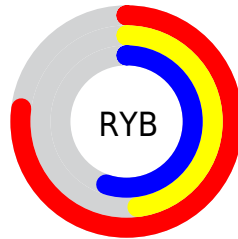
Distribution



Red (77%)

Green (48%)

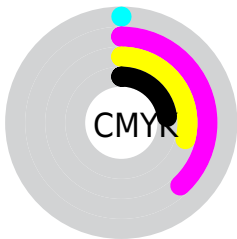
Blue (55%)



Red (77%)

Yellow (48%)

Blue (55%)

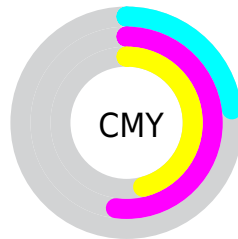


Cyan (0%)

Magenta (38%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9003, 0.3836, 0.3078 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 27.9003, 0.3836, 0.3078 by changing the saturation by 10% instead.


 27.9003, 0.3836,
0.3078


 27.9003, 0.3836,
0.3078

291.9902, 0.3450,
0.3197


 18.2505, 0.3944,
0.3043


 56.3252, 0.3687,
0.3125

 11.1300, 0.4091,
0.2995


 75.8692, 0.3634,
0.3141

 6.1543, 0.4300,
0.2925

 99.4799, 0.3590,
0.3155

 2.9392, 0.4622,
0.2813

127.5419, 0.3553,
0.3166

 1.1000, 0.5175,
0.2610

160.4396, 0.3522,
0.3176

 0.0000, 1.0000,
0.0000

198.5572, 0.3494,

 0.0000, 0.0000,

0.3184

0.0000

242.2793, 0.3471,
0.3191

■ 27.9003, 0.3836,
0.3078

■ 27.9003, 0.3836,
0.3078

■ 23.0757, 0.4131,
0.3024

■ 33.7749, 0.3591,
0.3136

■ 19.2351, 0.4476,
0.2981

■ 40.7525, 0.3391,
0.3194

■ 16.3113, 0.4864,
0.2958


■ 48.8871, 0.3229,
0.3250


■ 14.2268, 0.5269,
0.2965


■ 58.2282, 0.3098,
0.3302


■ 12.8912, 0.5654,
0.3008

■ 68.8222, 0.2991,
0.3350

 12.1760, 0.5973,
0.3084

 80.7132, 0.2904,
0.3394

 12.0435, 0.6041,
0.3101

 90.1145, 0.2829,
0.3373

 90.6124, 0.2789,
0.3289

Harmonies

Analogous

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



27.9003, 0.3347, 0.2740



27.9003, 0.3836, 0.3078



27.9003, 0.4125, 0.3479

Triad

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



27.9003, 0.3836, 0.3078



27.9003, 0.3361, 0.4212



27.9003, 0.2219, 0.2621

Complementary

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



27.9003, 0.3836, 0.3078



47.4877, 0.2703, 0.3519

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.



27.9003, 0.2223, 0.2968



27.9003, 0.3836, 0.3078



27.9003, 0.2856, 0.3952

Square

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



27.9003, 0.3836, 0.3078



27.9003, 0.3825, 0.4158



27.9003, 0.2445, 0.3466



27.9003, 0.2431, 0.2476

Rectangle

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



27.9003, 0.3836, 0.3078



27.9003, 0.4152, 0.3747



27.9003, 0.2445, 0.3466



27.9003, 0.2196, 0.2715

Sweetspot

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



27.9016, 0.3836, 0.3078



82.0545, 0.3284, 0.3231



28.0187, 0.3004, 0.2324



17.1295, 0.3306, 0.3223



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.9016, 0.3836, 0.3078



42.8072, 0.4071, 0.3034



33.2399, 0.3931, 0.3573



10.6738, 0.3256, 0.3240



7.9305, 0.6011, 0.3085



0.3866, 0.5416, 0.2757

Inverse Universe

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



27.9016, 0.3836, 0.3078



42.8072, 0.4071, 0.3034



39.3107, 0.2564, 0.2984



10.6738, 0.3256, 0.3240



7.9305, 0.6011, 0.3085



0.3866, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 27.9003, 0.3836, 0.3078 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9003, 0.3836, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

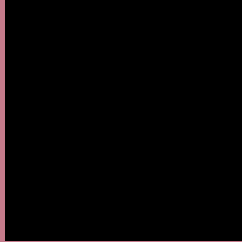
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9003, 0.3836, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 27.9003, 0.3836, 0.3078.



This preview shows how white text looks on a background with the Yxy color 27.9003, 0.3836, 0.3078.

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

27.9003, 0.3836, 0.3078

Protanopia

28.2006, 0.3070, 0.3179

Deuteranopia

28.2151, 0.3413, 0.3352



Tritanopia

27.8445, 0.3895, 0.3171

Trichromacy



Original Color

27.9003, 0.3836, 0.3078

Protanomaly

27.6074, 0.3325, 0.3124

Deuteranomaly

27.9703, 0.3566, 0.3247

Tritanomaly

27.9003, 0.3870, 0.3144

Monochromacy



Original Color

27.9003, 0.3836, 0.3078

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1899, 0.3365, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9003, 0.3836, 0.3078 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(197, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(197, 123, 139)  
}
```

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(197, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 123, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.9003, 0.3836, 0.3078 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(197, 123, 139) }
```

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

```
.border{ border-color:rgb(197, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 123, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 123, 139); box-shadow:4px 4px 4px 4px rgb(197, 123, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9003, 0.3836, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 123, 139) }
```

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

```
.background{ background-color: rgb(197,  
123, 139) }
```

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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