

Converting Colors

$Y_{xy}(27.9696, 0.3017, 0.2937)$

Have a look what the booklet for
Yxy(27.9696, 0.3017, 0.2937)
contains.

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Color

Yxy(27.9798, 0.3018, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	978CA3
RGB	151, 140, 163
RGB Percent	59%, 55%, 64%
CMY	0.4078, 0.4510, 0.3608
CMYK	0.07, 0.14, 0.00, 0.36
HSL	269°, 11%, 59%
HSV	269°, 14%, 64%
XYZ	28.7515, 27.9798, 38.5353
YIQ	145.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

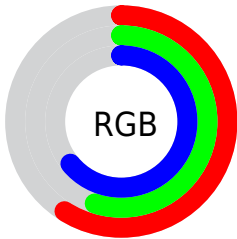
Format	Color
R_{YB}	151, 140, 163
Decimal	9931939
CIE _{Lab}	59.87, 8.61, -10.66
CIE _{LCh}	60, 13.705, 308.947
Yxy	27.9798, 0.3018, 0.2937
Android (android.graphics.Color)	4288122019 (0xFF978CA3)
YUV	145.9110, 8.4249, 4.4631
Hunter-Lab	52.8959, 4.4554, -6.1663

Details

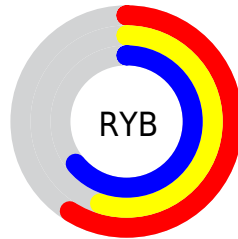
The Yxy color $27.9798, 0.3018, 0.2937$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.7636, 0.3225, 0.3642$, and the grayscale version is $28.6720, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6247, 0.3039, 0.3012$, and $11.1694, 0.2981, 0.2826$ is the 20% darker color. If you saturate the color by 10%, you get $22.7803, 0.2926, 0.2663$, and if you desaturate by 10%, it is $33.9460, 0.3098, 0.3192$.

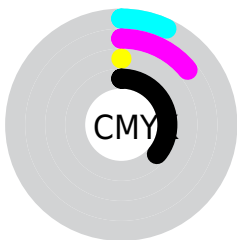
Distribution



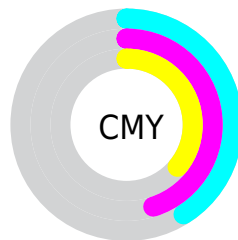
- Red (59%)
- Green (55%)
- Blue (64%)



- Red (59%)
- Yellow (55%)
- Blue (64%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)





- Cyan (41%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9798, 0.3018, 0.2937 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 27.9798, 0.3018, 0.2937 by changing the saturation by 10% instead.


 27.9798, 0.3018,
0.2937


 27.9798, 0.3018,
0.2937


292.3704, 0.3078,
0.3125


 18.3104, 0.3001,
0.2886


 56.4522, 0.3042,
0.3008

 11.1731, 0.2977,
0.2819


 76.0240, 0.3050,
0.3034

 6.1834, 0.2942,
0.2724


 99.6654, 0.3057,
0.3055

 2.9569, 0.2888,
0.2582

127.7608, 0.3063,
0.3073

 1.1093, 0.2790,
0.2348

160.6946, 0.3067,
0.3089

 0.0000, 0.2123,
0.0000

198.8512, 0.3072,

 0.0000, 0.0000,

0.3102

0.0000

242.6150, 0.3075,
0.3114

■ 27.9798, 0.3018,
0.2937

■ 27.9798, 0.3018,
0.2937

■ 22.7803, 0.2926,
0.2663

■ 33.9460, 0.3098,
0.3192

■ 18.3118, 0.2820,
0.2375

■ 40.7056, 0.3166,
0.3425

■ 14.5410, 0.2703,
0.2080

■ 48.2883, 0.3223,
0.3636

■ 11.4307, 0.2575,
0.1790

■ 56.7211, 0.3271,
0.3826

■ 8.9398, 0.2441,
0.1517

■ 66.0300, 0.3311,
0.3995

■ 7.0226, 0.2306,
0.1275

■ 76.2396, 0.3345,
0.4147

■ 5.6270, 0.2176,
0.1080

■ 87.3737, 0.3372,
0.4281

■ 4.6903, 0.2057,
0.0938

■ 89.2302, 0.3427,
0.4271

■ 4.2622, 0.1991,
0.0870

■ 90.5835, 0.3484,
0.4252

Harmonies

Analogous

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



27.9798, 0.2824, 0.2914



27.9798, 0.3018, 0.2937



27.9798, 0.3248, 0.3046

Triad

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



27.9798, 0.3018, 0.2937



27.9798, 0.3558, 0.3579



27.9798, 0.2809, 0.3356

Complementary

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



27.9798, 0.3018, 0.2937



34.7636, 0.3225, 0.3642

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.



27.9798, 0.2997, 0.3554



27.9798, 0.3018, 0.2937



27.9798, 0.3431, 0.3681

Square

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



27.9798, 0.3018, 0.2937



27.9798, 0.3567, 0.3408



27.9798, 0.3224, 0.3675



27.9798, 0.2707, 0.3146

Rectangle

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



27.9798, 0.3018, 0.2937



27.9798, 0.3391, 0.3154



27.9798, 0.3224, 0.3675



27.9798, 0.2864, 0.3426

Sweetspot

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



27.9810, 0.3018, 0.2937



60.8336, 0.3098, 0.3192



30.7638, 0.2912, 0.3122



13.4777, 0.3093, 0.3175



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.9810, 0.3018, 0.2937



46.9784, 0.2990, 0.2851



29.1074, 0.3135, 0.2950



7.0183, 0.3058, 0.3063



3.3393, 0.2000, 0.0876



0.0983, 0.2423, 0.1108

Inverse Universe

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



28.8108, 0.3255, 0.3110



48.7812, 0.3288, 0.3067



33.7306, 0.3117, 0.3654



7.1448, 0.3207, 0.3173



6.5711, 0.4829, 0.2434



0.1476, 0.4103, 0.2034

Previews

White Background



This preview shows how the Yxy color 27.9798, 0.3018, 0.2937 looks on a white background.

Color Contrast Check

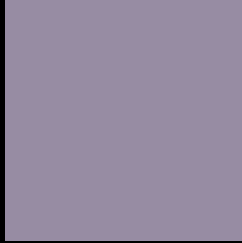
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9798, 0.3018, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

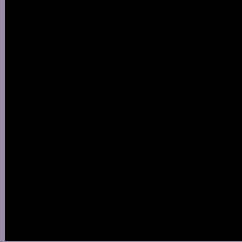
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9798, 0.3018, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 27.9798, 0.3018, 0.2937.



This preview shows how white text looks on a background with the Yxy color 27.9798, 0.3018, 0.2937.

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

27.9798, 0.3018, 0.2937

Protanopia

28.0243, 0.2900, 0.2945

Deuteranopia

28.1781, 0.3008, 0.2952



Tritanopia

28.0355, 0.3093, 0.3117

Trichromacy



Original Color

27.9798, 0.3018, 0.2937

Protanomaly

28.0461, 0.2948, 0.2947

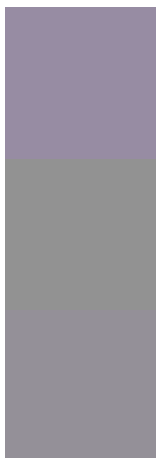
Deuteranomaly

28.1781, 0.3008, 0.2952

Tritanomaly

27.9681, 0.3065, 0.3041

Monochromacy



Original Color

27.9798, 0.3018, 0.2937

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5094, 0.3091, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9798, 0.3018, 0.2937 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(151, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 163)  
}
```

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(151, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 163) }
```

Border

The CSS property to change the border of an element to Yxy 27.9798, 0.3018, 0.2937 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(151, 140, 163) }
```

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

```
.border{ border-color:rgb(151, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9798, 0.3018, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 163) }
```

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

```
.background{ background-color: rgb(151,  
140, 163) }
```

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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