

Converting Colors

$Y_{xy}(27.0277, 0.2877, 0.3230)$

Have a look what the booklet for
Yxy(27.0277, 0.2877, 0.3230)
contains.

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Color

Yxy(27.0128, 0.2879, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	7C9295
RGB	124, 146, 149
RGB Percent	49%, 57%, 58%
CMY	0.5139, 0.4274, 0.4157
CMYK	0.17, 0.02, 0.00, 0.42
HSL	187°, 11%, 54%
HSV	187°, 17%, 58%
XYZ	24.0105, 27.0128, 32.3753
YIQ	139.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

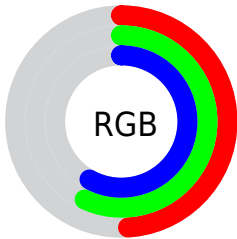
Format	Color
R_YB	124, 136, 149
Decimal	8163989
CIE _{Lab}	58.99, -7.14, -4.20
CIE _{LCh}	59, 8.286, 210.482
Yxy	27.0128, 0.2879, 0.3239
Android (android.graphics.Color)	4286354069 (0xFF7C9295)
YUV	139.7640, 4.5533, -13.8250
Hunter-Lab	51.9738, -8.4922, -0.5510

Details

The Yxy color **27.0128, 0.2879, 0.3239** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0031, 0.3428, 0.3340**, and the grayscale version is **26.1129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9675, 0.2932, 0.3252**, and **10.7434, 0.2800, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **25.4459, 0.2740, 0.3205**, and if you desaturate by 10%, it is **28.7580, 0.3025, 0.3270**.

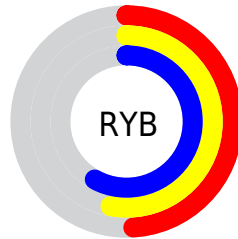
Distribution



Red (49%)

Green (57%)

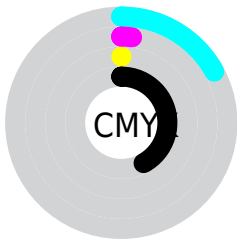
Blue (58%)



Red (49%)

Yellow (53%)

Blue (58%)

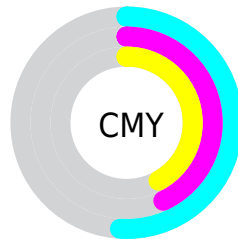


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (42%)



Cyan (51%)


Magenta (43%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0128, 0.2879, 0.3239 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 27.0128, 0.2879, 0.3239 by changing the saturation by 10% instead.


 27.0128, 0.2879,
0.3239


 27.0128, 0.2879,
0.3239


287.7191, 0.3014,
0.3268


 17.5828, 0.2841,
0.3230


 54.9044, 0.2931,
0.3251

 10.6509, 0.2791,
0.3218


 74.1348, 0.2949,
0.3255

 5.8326, 0.2718,
0.3200

 97.4009, 0.2965,
0.3258

 2.7436, 0.2605,
0.3170

125.0869, 0.2977,
0.3261

 0.9994, 0.2403,
0.3114

157.5774, 0.2988,
0.3263

 0.0000, 0.0000,
0.0000

195.2566, 0.2998,

0.3265

238.5091, 0.3006,
0.3267

■ 27.0128, 0.2879,
0.3239

■ 27.0128, 0.2879,
0.3239

■ 25.4459, 0.2740,
0.3205

■ 28.7580, 0.3025,
0.3270

■ 24.0465, 0.2610,
0.3169

■ 30.6853, 0.3176,
0.3299

■ 22.8076, 0.2492,
0.3132

■ 32.8025, 0.3328,
0.3325

■ 21.7204, 0.2390,
0.3092

■ 35.1158, 0.3479,
0.3348

■ 20.7751, 0.2304,
0.3052

■ 37.6313, 0.3628,
0.3369

■ 19.9609, 0.2236,
0.3011

■ 40.3547, 0.3773,
0.3387

■ 19.2652, 0.2187,
0.2971

■ 43.2917, 0.3913,
0.3402

■ 18.6676, 0.2154,
0.2931

■ 46.4473, 0.4047,
0.3416

■ 18.4838, 0.2144,
0.2918

■ 49.2444, 0.4148,
0.3429

Harmonies

Analogous

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



27.0128, 0.2961, 0.3367



27.0128, 0.2879, 0.3239



27.0128, 0.2862, 0.3129

Triad

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



27.0128, 0.2879, 0.3239



27.0128, 0.3163, 0.3115



27.0128, 0.3342, 0.3518

Complementary

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



27.0128, 0.2879, 0.3239



23.0031, 0.3428, 0.3340

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.



27.0128, 0.3399, 0.3444



27.0128, 0.2879, 0.3239



27.0128, 0.3295, 0.3213

Square

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



27.0128, 0.2879, 0.3239



27.0128, 0.3024, 0.3061



27.0128, 0.3382, 0.3332



27.0128, 0.3227, 0.3531

Rectangle

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



27.0128, 0.2879, 0.3239



27.0128, 0.2890, 0.3080



27.0128, 0.3382, 0.3332



27.0128, 0.3368, 0.3499

Sweetspot

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



27.0139, 0.2879, 0.3239



52.0754, 0.3051, 0.3275



27.3013, 0.3080, 0.3676



11.4938, 0.3041, 0.3273



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.0139, 0.2879, 0.3239



47.3400, 0.2828, 0.3227



23.3785, 0.2870, 0.3023



6.4460, 0.2990, 0.3263



15.5884, 0.2145, 0.2921



0.2175, 0.2199, 0.3117

Inverse Universe

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



22.8693, 0.3179, 0.2933



38.5817, 0.3192, 0.2855



26.4213, 0.3396, 0.3544



5.8975, 0.3154, 0.3097



6.7670, 0.3525, 0.1715



0.0855, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 27.0128, 0.2879, 0.3239 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 27.0128, 0.2879, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

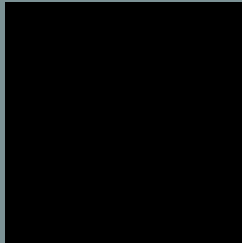
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

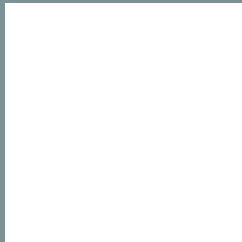
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0128, 0.2879, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 27.0128, 0.2879, 0.3239.



This preview shows how white text looks on a background with the Yxy color 27.0128, 0.2879, 0.3239.

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

27.0128, 0.2879, 0.3239

Protanopia

26.9647, 0.3099, 0.3209

Deuteranopia

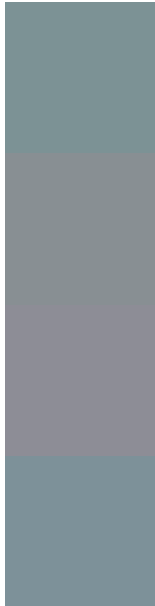
26.9906, 0.3137, 0.3086



Tritanopia

27.0111, 0.2827, 0.3106

Trichromacy



Original Color

27.0128, 0.2879, 0.3239

Protanomaly

26.9857, 0.3015, 0.3224

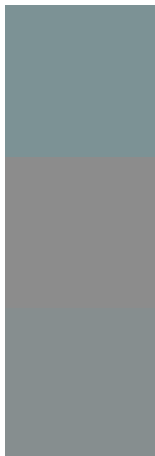
Deuteranomaly

26.9145, 0.3039, 0.3144

Tritanomaly

26.9107, 0.2853, 0.3155

Monochromacy



Original Color

27.0128, 0.2879, 0.3239

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3975, 0.3033, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0128, 0.2879, 0.3239 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(124, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 149)  
}
```

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(124, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.0128, 0.2879, 0.3239 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(124, 146, 149) }
```

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

```
.border{ border-color:rgb(124, 146, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0128, 0.2879, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 149) }
```

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

```
.background{ background-color: rgb(124,  
146, 149) }
```

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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