

Converting Colors

$Y_{xy}(28.7354, 0.3175, 0.3070)$

Have a look what the booklet for
Yxy(28.7354, 0.3175, 0.3070)
contains.

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Color

Yxy(28.7872, 0.3180, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	9F8D9B
RGB	159, 141, 155
RGB Percent	62%, 55%, 61%
CMY	0.3764, 0.4471, 0.3922
CMYK	0.00, 0.11, 0.03, 0.38
HSL	313°, 9%, 59%
HSV	313°, 11%, 62%
XYZ	29.7412, 28.7872, 34.9973
YIQ	147.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

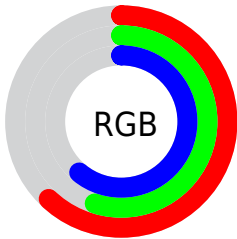
Format	Color
R _Y B	159, 141, 155
Decimal	10456475
CIE Lab	60.59, 9.31, -4.94
CIE LCh	61, 10.538, 332.027
Yxy	28.7872, 0.3180, 0.3078
Android (android.graphics.Color)	4288646555 (0xFF9F8D9B)
YUV	147.9780, 3.4618, 9.6663
Hunter-Lab	53.6537, 5.0516, -1.1162

Details

The Yxy color $28.7872, 0.3180, 0.3078$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.5092, 0.3078, 0.3512$, and the grayscale version is $29.5892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9298, 0.3174, 0.3130$, and $11.6698, 0.3203, 0.3009$ is the 20% darker color. If you saturate the color by 10%, you get $24.3135, 0.3235, 0.2884$, and if you desaturate by 10%, it is $33.9403, 0.3133, 0.3266$.

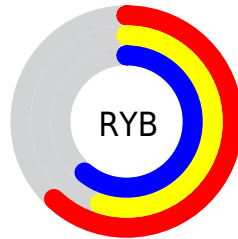
Distribution



Red (62%)

Green (55%)

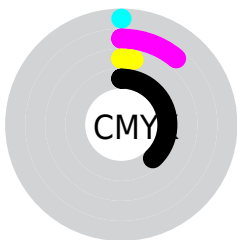
Blue (61%)



Red (62%)

Yellow (55%)

Blue (61%)

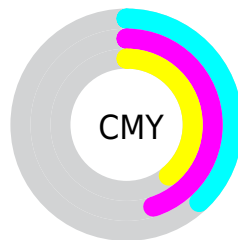


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (38%)



Cyan (38%)


Magenta (45%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7872, 0.3180, 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 28.7872, 0.3180, 0.3078 by changing the saturation by 10% instead.


 28.7872, 0.3180,
0.3078


 28.7872, 0.3180,
0.3078


296.2096, 0.3152,
0.3191

 18.9199, 0.3187,
0.3047


 57.7388, 0.3170,
0.3121

 11.6124, 0.3197,
0.3006


 77.5919, 0.3166,
0.3136

 6.4803, 0.3211,
0.2949


 101.5424, 0.3163,
0.3149

 3.1393, 0.3231,
0.2862

129.9747, 0.3160,
0.3160

 1.2049, 0.3263,
0.2716

163.2732, 0.3158,
0.3169

 0.0657, 0.3750,
0.0850

201.8222, 0.3156,

 0.0000, 0.0000,

0.3178

0.0000

246.0062, 0.3154,
0.3185

■ 28.7872, 0.3180,
0.3078

■ 28.7872, 0.3180,
0.3078

■ 24.3135, 0.3235,
0.2884

■ 33.9403, 0.3133,
0.3266

■ 20.4867, 0.3297,
0.2688

■ 39.7957, 0.3093,
0.3444

■ 17.2775, 0.3367,
0.2496

■ 46.3803, 0.3058,
0.3611

■ 14.6528, 0.3444,
0.2317

■ 53.7181, 0.3030,
0.3766

■ 12.5763, 0.3527,
0.2160

■ 61.8322, 0.3005,
0.3908

■ 11.0078, 0.3613,
0.2035

■ 70.7446, 0.2985,
0.4039

■ 9.9015, 0.3701,
0.1949

■ 80.4765, 0.2968,
0.4159

■ 9.2032, 0.3787,
0.1908

■ 82.3271, 0.2950,
0.4142

■ 8.8162, 0.3860,
0.1900

■ 82.4770, 0.2932,
0.4098

Harmonies

Analogous

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



28.7872, 0.3006, 0.3008



28.7872, 0.3180, 0.3078



28.7872, 0.3343, 0.3201

Triad

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



28.7872, 0.3180, 0.3078



28.7872, 0.3388, 0.3577



28.7872, 0.2816, 0.3217

Complementary

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



28.7872, 0.3180, 0.3078



32.5092, 0.3078, 0.3512

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.



28.7872, 0.2913, 0.3378



28.7872, 0.3180, 0.3078



28.7872, 0.3242, 0.3590

Square

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



28.7872, 0.3180, 0.3078



28.7872, 0.3465, 0.3486



28.7872, 0.3068, 0.3517



28.7872, 0.2800, 0.3083

Rectangle

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



28.7872, 0.3180, 0.3078



28.7872, 0.3422, 0.3299



28.7872, 0.3068, 0.3517



28.7872, 0.2840, 0.3270

Sweetspot

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



28.7885, 0.3180, 0.3078



59.0890, 0.3141, 0.3234



27.5641, 0.2993, 0.3006



13.1529, 0.3144, 0.3219



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.7885, 0.3180, 0.3078



49.0704, 0.3195, 0.3022



28.5006, 0.3271, 0.3212



6.7292, 0.3170, 0.3118



6.9683, 0.3853, 0.1896



0.1304, 0.3553, 0.1731

Inverse Universe

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



28.7885, 0.3180, 0.3078



49.0704, 0.3195, 0.3022



32.7944, 0.3001, 0.3369



6.7292, 0.3170, 0.3118



6.9683, 0.3853, 0.1896



0.1304, 0.3553, 0.1731

Previews

White Background



This preview shows how the Yxy color 28.7872, 0.3180, 0.3078 looks on a white background.

Color Contrast Check

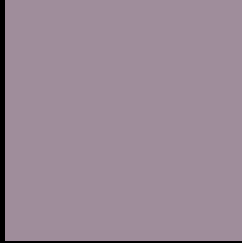
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7872, 0.3180, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

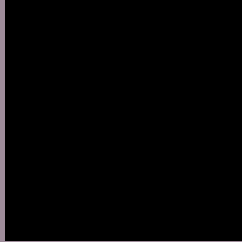
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7872, 0.3180, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 28.7872, 0.3180, 0.3078.



This preview shows how white text looks on a background with the Yxy color 28.7872, 0.3180, 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

28.7872, 0.3180, 0.3078

Protanopia

28.7392, 0.3004, 0.3086

Deuteranopia

28.7805, 0.3147, 0.3091



Tritanopia

28.6877, 0.3210, 0.3123

Trichromacy



Original Color

28.7872, 0.3180, 0.3078

Protanomaly

28.8649, 0.3064, 0.3088

Deuteranomaly

28.8807, 0.3158, 0.3092

Tritanomaly

28.7206, 0.3200, 0.3108

Monochromacy



Original Color

28.7872, 0.3180, 0.3078

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1606, 0.3142, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7872, 0.3180, 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(159, 141, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 155)  
}
```

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(159, 141, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 155) }
```

Border

The CSS property to change the border of an element to Yxy 28.7872, 0.3180, 0.3078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

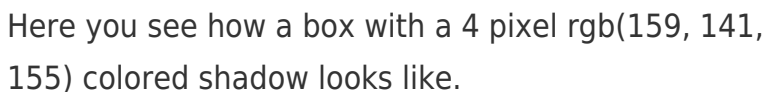
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 141, 155) }
```

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

```
.border{ border-color:rgb(159, 141, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 141, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 141, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 141, 155); box-shadow:4px 4px 4px 4px rgb(159, 141, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7872, 0.3180, 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(159, 141, 155) }
```

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

```
.background{ background-color: rgb(159,  
141, 155) }
```

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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