

Converting Colors

$Y_{xy}(27.3818, 0.3038, 0.2892)$

Have a look what the booklet for
Yxy(27.3818, 0.3038, 0.2892)
contains.

Yxy(27.3080, 0.3039, 0.2892)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3080, 0.3039, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	9989A3
RGB	153, 137, 163
RGB Percent	60%, 54%, 64%
CMY	0.4000, 0.4628, 0.3607
CMYK	0.06, 0.16, 0.00, 0.36
HSL	277°, 12%, 59%
HSV	277°, 16%, 64%
XYZ	28.6961, 27.3080, 38.4219
YIQ	144.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

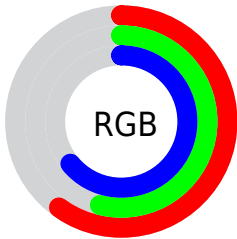
Format	Color
RYB	153, 137, 163
Decimal	10062243
CIELab	59.26, 11.04, -11.57
CIELCh	59, 15.994, 313.639
Yxy	27.3080, 0.3039, 0.2892
Android (android.graphics.Color)	4288252323 (0xFF9989A3)
YUV	144.7480, 8.9982, 7.2370
Hunter-Lab	52.2571, 6.5703, -7.0130

Details

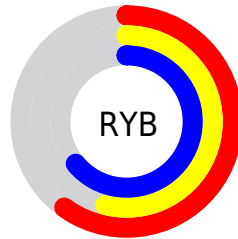
The Yxy color **27.3080, 0.3039, 0.2892** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.2157, 0.3203, 0.3696**, and the grayscale version is **28.1715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1543, 0.3055, 0.2966**, and **10.7889, 0.3011, 0.2763** is the 20% darker color. If you saturate the color by 10%, you get **22.4243, 0.2971, 0.2623**, and if you desaturate by 10%, it is **32.9266, 0.3097, 0.3146**.

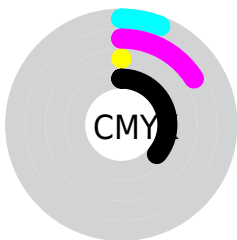
Distribution



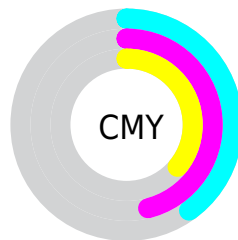
- Red (60%)
- Green (54%)
- Blue (64%)



- Red (60%)
- Yellow (54%)
- Blue (64%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3080, 0.3039, 0.2892 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 27.3080, 0.3039, 0.2892 by changing the saturation by 10% instead.

■ 27.3080, 0.3039,
0.2892

■ 27.3080, 0.3039,
0.2892

■ 289.1453, 0.3089,
0.3103

■ 17.8047, 0.3024,
0.2835

■ 55.3777, 0.3059,
0.2972

■ 10.8098, 0.3004,
0.2759

■ 74.7129, 0.3066,
0.3001

■ 5.9391, 0.2974,
0.2653

■ 98.0941, 0.3071,
0.3025

■ 2.8081, 0.2925,
0.2494

■ 125.9059, 0.3076,
0.3046

■ 1.0324, 0.2836,
0.2233

■ 158.5324, 0.3080,
0.3063

■ 0.0000, 0.2100,
0.0000

■ 196.3583, 0.3083,

■ 0.0000, 0.0000,

0.3078

0.0000

239.7678, 0.3086,
0.3092

■ 27.3080, 0.3039,
0.2892

■ 27.3080, 0.3039,
0.2892

■ 22.4243, 0.2971,
0.2623

■ 32.9266, 0.3097,
0.3146

■ 18.2400, 0.2894,
0.2346

■ 39.3063, 0.3146,
0.3383

■ 14.7222, 0.2807,
0.2069

■ 46.4764, 0.3187,
0.3601

■ 11.8338, 0.2712,
0.1803

■ 54.4637, 0.3220,
0.3799

■ 9.5338, 0.2612,
0.1559

■ 63.2935, 0.3248,
0.3977

7.7764, 0.2509,
0.1349

72.9902, 0.3270,
0.4138

6.5087, 0.2407,
0.1184

83.5771, 0.3288,
0.4283

5.6591, 0.2311,
0.1067

86.8934, 0.3322,
0.4305

5.3693, 0.2273,
0.1026

87.7940, 0.3363,
0.4291

Harmonies

Analogous

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



27.3080, 0.2801, 0.2847



27.3080, 0.3039, 0.2892



27.3080, 0.3311, 0.3032

Triad

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



27.3080, 0.3039, 0.2892



27.3080, 0.3619, 0.3654



27.3080, 0.2728, 0.3326

Complementary

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



27.3080, 0.3039, 0.2892



34.2157, 0.3203, 0.3696

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.



27.3080, 0.2934, 0.3570



27.3080, 0.3039, 0.2892



27.3080, 0.3450, 0.3759

Square

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



27.3080, 0.3039, 0.2892



27.3080, 0.3654, 0.3460



27.3080, 0.3197, 0.3732



27.3080, 0.2628, 0.3083

Rectangle

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



27.3080, 0.3039, 0.2892



27.3080, 0.3473, 0.3163



27.3080, 0.3197, 0.3732



27.3080, 0.2787, 0.3411

Sweetspot

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



27.3092, 0.3039, 0.2892



59.8890, 0.3102, 0.3168



28.9590, 0.2881, 0.3042



13.2885, 0.3098, 0.3152



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.



27.3092, 0.3039, 0.2892



45.7849, 0.3017, 0.2802



28.2335, 0.3172, 0.2942



7.0654, 0.3079, 0.3064



4.1980, 0.2281, 0.1030



0.1142, 0.2628, 0.1221

Inverse Universe

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



27.7877, 0.3312, 0.3138



46.8205, 0.3359, 0.3105



33.4045, 0.3085, 0.3665



7.1290, 0.3227, 0.3204



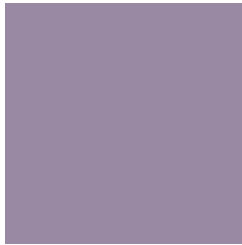
6.3368, 0.5392, 0.2744



0.1422, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 27.3080, 0.3039, 0.2892 looks on a white background.

Color Contrast Check

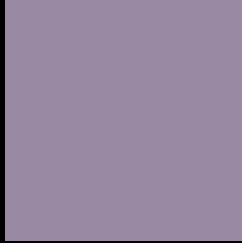
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3080, 0.3039, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

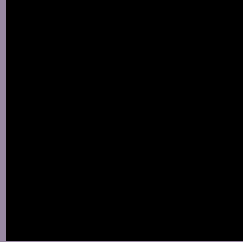
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3080, 0.3039, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 27.3080, 0.3039, 0.2892.



This preview shows how white text looks on a background with the Yxy color 27.3080, 0.3039, 0.2892.

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

27.3080, 0.3039, 0.2892

Protanopia

27.5024, 0.2861, 0.2910

Deuteranopia

27.3126, 0.2977, 0.2917



Tritanopia

27.2466, 0.3146, 0.3117

Trichromacy



Original Color

27.3080, 0.3039, 0.2892

Protanomaly

27.3124, 0.2918, 0.2898

Deuteranomaly

27.2109, 0.2997, 0.2903

Tritanomaly

27.2189, 0.3107, 0.3026

Monochromacy



Original Color

27.3080, 0.3039, 0.2892

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9089, 0.3092, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3080, 0.3039, 0.2892 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(153, 137, 163)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 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(153, 137, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 163) }
```

Border

The CSS property to change the border of an element to Yxy 27.3080, 0.3039, 0.2892 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(153, 137, 163) }
```

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

```
.border{ border-color:rgb(153, 137, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 137, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 163);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3080, 0.3039, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 163) }
```

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

```
.background{ background-color: rgb(153,  
137, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor