

Converting Colors

$Y_{xy}(27.7679, 0.3264, 0.3240)$

Have a look what the booklet for
Yxy(27.7679, 0.3264, 0.3240)
contains.

Yxy(27.8073, 0.3271, 0.3244)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8073, 0.3271, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	9C8C8F
RGB	156, 140, 143
RGB Percent	61%, 55%, 56%
CMY	0.3884, 0.4509, 0.4392
CMYK	0.00, 0.10, 0.08, 0.39
HSL	349°, 7%, 58%
HSV	349°, 10%, 61%
XYZ	28.0387, 27.8073, 29.8731
YIQ	145.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

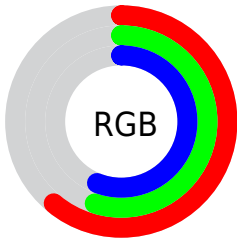
Format	Color
RYB	156, 140, 143
Decimal	10259599
CIELab	59.71, 6.49, 0.58
CIElCh	60, 6.518, 5.138
Yxy	27.8073, 0.3271, 0.3244
Android (android.graphics.Color)	4288449679 (0xFF9C8C8F)
YUV	145.1260, -1.0481, 9.5365
Hunter-Lab	52.7326, 2.6291, 3.3249

Details

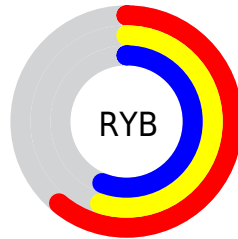
The Yxy color $27.8073, 0.3271, 0.3244$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.6371, 0.3000, 0.3337$, and the grayscale version is $28.3694, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4637, 0.3242, 0.3255$, and $11.1059, 0.3325, 0.3223$ is the 20% darker color. If you saturate the color by 10%, you get $23.2055, 0.3445, 0.3196$, and if you desaturate by 10%, it is $33.1010, 0.3130, 0.3289$.

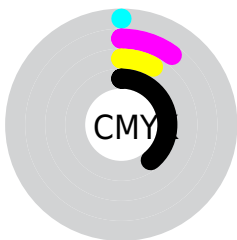
Distribution



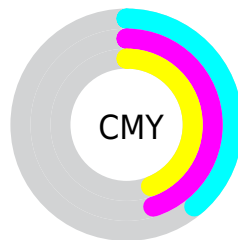
- Red (61%)
- Green (55%)
- Blue (56%)



- Red (61%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (39%)





- Cyan (39%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8073, 0.3271, 0.3244 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 27.8073, 0.3271, 0.3244 by changing the saturation by 10% instead.


 27.8073, 0.3271,
0.3244

 27.8073, 0.3271,
0.3244


291.5450, 0.3193,
0.3269


 18.1804, 0.3293,
0.3237


 56.1766, 0.3241,
0.3254

 11.0796, 0.3323,
0.3227


 75.6879, 0.3230,
0.3257

 6.1204, 0.3366,
0.3213


 99.2628, 0.3221,
0.3260

 2.9184, 0.3433,
0.3191

127.2857, 0.3214,
0.3263

 1.0893, 0.3552,
0.3151

160.1409, 0.3207,
0.3265

 0.0000, 1.0000,
0.0000

198.2130, 0.3202,

 0.0000, 0.0000,

0.3266

0.0000

241.8862, 0.3197,
0.3268

■ 27.8073, 0.3271,
0.3244

■ 27.8073, 0.3271,
0.3244

■ 23.2055, 0.3445,
0.3196

■ 33.1010, 0.3130,
0.3289

■ 19.2634, 0.3659,
0.3146

■ 39.1098, 0.3015,
0.3331

■ 15.9519, 0.3919,
0.3098

■ 45.8601, 0.2922,
0.3369

■ 13.2381, 0.4231,
0.3054

■ 53.3763, 0.2845,
0.3403

■ 11.0861, 0.4593,
0.3021

■ 61.6812, 0.2782,
0.3435

■ 9.4563, 0.4994,
0.3007

■ 70.7970, 0.2730,
0.3463

■ 8.3037, 0.5404,
0.3020

■ 80.7448, 0.2687,
0.3489

■ 7.5758, 0.5780,
0.3065

■ 85.1439, 0.2635,
0.3407

■ 7.1522, 0.6083,
0.3124

■ 85.8030, 0.2587,
0.3288

Harmonies

Analogous

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



27.8073, 0.3172, 0.3163



27.8073, 0.3271, 0.3244



27.8073, 0.3331, 0.3338

Triad

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



27.8073, 0.3271, 0.3244



27.8073, 0.3189, 0.3474



27.8073, 0.2923, 0.3154

Complementary

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



27.8073, 0.3271, 0.3244



31.6371, 0.3000, 0.3337

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.



27.8073, 0.2928, 0.3236



27.8073, 0.3271, 0.3244



27.8073, 0.3080, 0.3423

Square

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



27.8073, 0.3271, 0.3244



27.8073, 0.3283, 0.3473



27.8073, 0.2985, 0.3335



27.8073, 0.2972, 0.3110

Rectangle

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



27.8073, 0.3271, 0.3244



27.8073, 0.3341, 0.3397



27.8073, 0.2985, 0.3335



27.8073, 0.2918, 0.3178

Sweetspot

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



27.8085, 0.3271, 0.3244



57.2952, 0.3167, 0.3277



27.9106, 0.3105, 0.3044



12.4399, 0.3178, 0.3273



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.8085, 0.3271, 0.3244



48.7507, 0.3303, 0.3235



29.1470, 0.3294, 0.3365



6.6654, 0.3256, 0.3248



5.8993, 0.6067, 0.3116



0.1104, 0.5184, 0.2629

Inverse Universe

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



27.8085, 0.3271, 0.3244



48.7507, 0.3303, 0.3235



30.1647, 0.2974, 0.3214



6.6654, 0.3256, 0.3248



5.8993, 0.6067, 0.3116



0.1104, 0.5184, 0.2629

Previews

White Background



This preview shows how the Yxy color 27.8073, 0.3271, 0.3244 looks on a white background.

Color Contrast Check

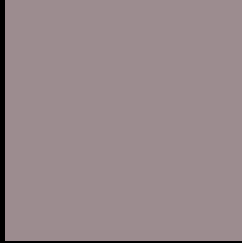
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8073, 0.3271, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

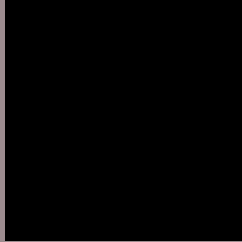
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8073, 0.3271, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 27.8073, 0.3271, 0.3244.



This preview shows how white text looks on a background with the Yxy color 27.8073, 0.3271, 0.3244.

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

27.8073, 0.3271, 0.3244

Protanopia

27.8002, 0.3139, 0.3258

Deuteranopia

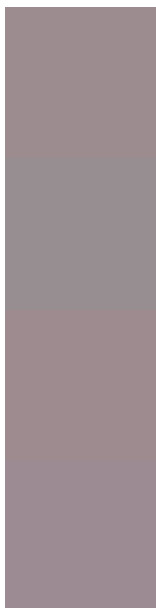
27.7175, 0.3295, 0.3228



Tritanopia

27.8353, 0.3211, 0.3121

Trichromacy



Original Color

27.8073, 0.3271, 0.3244

Protanomaly

27.8436, 0.3193, 0.3258

Deuteranomaly

27.6165, 0.3284, 0.3228

Tritanomaly

27.7399, 0.3242, 0.3166

Monochromacy



Original Color

27.8073, 0.3271, 0.3244

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.0481, 0.3181, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8073, 0.3271, 0.3244 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(156, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 143)  
}
```

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(156, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 143) }
```

Border

The CSS property to change the border of an element to Yxy 27.8073, 0.3271, 0.3244 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(156, 140, 143) }
```

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

```
.border{ border-color:rgb(156, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8073, 0.3271, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 143) }
```

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

```
.background{ background-color: rgb(156,  
140, 143) }
```

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