

Converting Colors

Yxy(27.8681, 0.3154, 0.2959)

Have a look what the booklet for
Yxy(27.8681, 0.3154, 0.2959)
contains.

Yxy(27.8681, 0.3154, 0.2959)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8681, 0.3154, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	A0899F
RGB	160, 137, 159
RGB Percent	63%, 54%, 62%
CMY	0.3724, 0.4628, 0.3765
CMYK	0.00, 0.14, 0.01, 0.37
HSL	303°, 11%, 58%
HSV	303°, 14%, 63%
XYZ	29.7046, 27.8681, 36.6081
YIQ	146.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

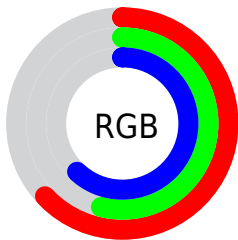
Format	Color
R_{YB}	160, 137, 159
Decimal	10520991
CIE _{Lab}	59.77, 12.72, -8.43
CIE _{LCh}	60, 15.261, 326.453
Yxy	27.8681, 0.3154, 0.2959
Android (android.graphics.Color)	4288711071 (0xFFA0899F)
YUV	146.3850, 6.2192, 11.9404
Hunter-Lab	52.7902, 8.0575, -4.1622

Details

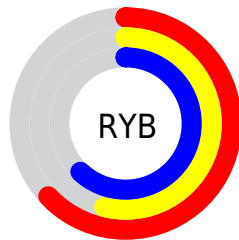
The Yxy color $27.8681, 0.3154, 0.2959$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $32.3070, 0.3101, 0.3645$, and the grayscale version is $28.8843, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1290, 0.3148, 0.3017$, and $11.0872, 0.3148, 0.2838$ is the 20% darker color. If you saturate the color by 10%, you get $23.6270, 0.3174, 0.2724$, and if you desaturate by 10%, it is $32.7866, 0.3135, 0.3191$.

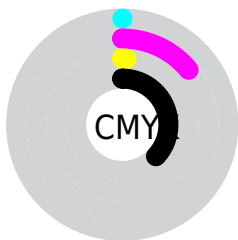
Distribution



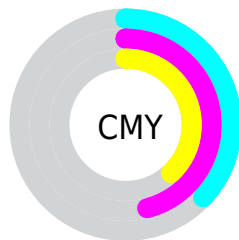
- Red (63%)
- Green (54%)
- Blue (62%)



- Red (63%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (37%)





- Cyan (37%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8681, 0.3154, 0.2959 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 27.8681, 0.3154, 0.2959 by changing the saturation by 10% instead.


 27.8681, 0.3154,
0.2959


 27.8681, 0.3154,
0.2959


291.8361, 0.3141,
0.3135


 18.2263, 0.3157,
0.2912


 56.2738, 0.3150,
0.3025

 11.1125, 0.3160,
0.2848


 75.8064, 0.3148,
0.3049

 6.1426, 0.3164,
0.2760


 99.4048, 0.3146,
0.3070

 2.9320, 0.3169,
0.2628

127.4532, 0.3145,
0.3087

 1.0963, 0.3171,
0.2410

160.3362, 0.3144,
0.3101

 0.0000, 0.3375,
0.0000

198.4381, 0.3143,

 0.0000, 0.0000,

0.3114

0.0000

242.1433, 0.3142,
0.3125

■ 27.8681, 0.3154,
0.2959

■ 27.8681, 0.3154,
0.2959

■ 23.6270, 0.3174,
0.2724

■ 32.7866, 0.3135,
0.3191

■ 20.0302, 0.3196,
0.2492

■ 38.4066, 0.3118,
0.3414

■ 17.0468, 0.3218,
0.2272

■ 44.7555, 0.3102,
0.3625

■ 14.6426, 0.3241,
0.2073

■ 51.8584, 0.3088,
0.3822

■ 12.7795, 0.3262,
0.1903

■ 59.7387, 0.3076,
0.4003

■ 11.4152, 0.3282,
0.1769

■ 68.4192, 0.3065,
0.4170

■ 10.5008, 0.3301,
0.1676

■ 77.9217, 0.3055,
0.4322

■ 9.9774, 0.3316,
0.1625

■ 81.7062, 0.3050,
0.4369

■ 9.7692, 0.3325,
0.1605

■ 81.7327, 0.3046,
0.4360

Harmonies

Analogous

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



27.8681, 0.2907, 0.2875



27.8681, 0.3154, 0.2959



27.8681, 0.3403, 0.3123

Triad

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



27.8681, 0.3154, 0.2959



27.8681, 0.3539, 0.3691



27.8681, 0.2694, 0.3222

Complementary

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



27.8681, 0.3154, 0.2959



32.3070, 0.3101, 0.3645

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.



27.8681, 0.2851, 0.3461



27.8681, 0.3154, 0.2959



27.8681, 0.3337, 0.3740

Square

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



27.8681, 0.3154, 0.2959



27.8681, 0.3630, 0.3538



27.8681, 0.3085, 0.3656



27.8681, 0.2649, 0.3014

Rectangle

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



27.8681, 0.3154, 0.2959



27.8681, 0.3533, 0.3259



27.8681, 0.3085, 0.3656



27.8681, 0.2735, 0.3302

Sweetspot

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



27.8693, 0.3154, 0.2959



59.8098, 0.3134, 0.3198



25.8118, 0.2910, 0.2918



12.9668, 0.3136, 0.3182



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.



27.8693, 0.3154, 0.2959



48.1984, 0.3160, 0.2890



27.4966, 0.3271, 0.3126



6.7494, 0.3144, 0.3079



7.6084, 0.3324, 0.1605



0.1375, 0.3274, 0.1577

Inverse Universe

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



27.8693, 0.3154, 0.2959



48.1984, 0.3160, 0.2890



32.6498, 0.3004, 0.3461



6.7494, 0.3144, 0.3079



7.6084, 0.3324, 0.1605



0.1375, 0.3274, 0.1577

Previews

White Background



This preview shows how the Yxy color 27.8681, 0.3154, 0.2959 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 27.8681, 0.3154, 0.2959 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 27.8681, 0.3154, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 27.8681, 0.3154, 0.2959.



This preview shows how white text looks on a background with the Yxy color 27.8681, 0.3154, 0.2959.

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

27.8681, 0.3154, 0.2959

Protanopia

27.9520, 0.2918, 0.2975

Deuteranopia

27.9002, 0.3077, 0.3012



Tritanopia

28.0061, 0.3243, 0.3137

Trichromacy



Original Color

27.8681, 0.3154, 0.2959

Protanomaly

27.9543, 0.2997, 0.2964

Deuteranomaly

27.9024, 0.3109, 0.2999

Tritanomaly

27.8478, 0.3203, 0.3062

Monochromacy



Original Color

27.8681, 0.3154, 0.2959

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4586, 0.3133, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8681, 0.3154, 0.2959 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(160, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 159)  
}
```

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(160, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 159) }
```

Border

The CSS property to change the border of an element to Yxy 27.8681, 0.3154, 0.2959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

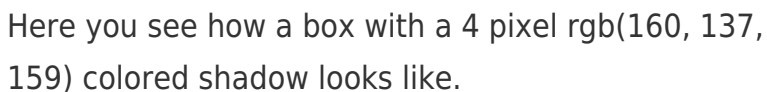
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 137, 159) }
```

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

```
.border{ border-color:rgb(160, 137, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 137, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 137, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 137, 159); box-shadow:4px 4px 4px 4px rgb(160, 137, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8681, 0.3154, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 159) }
```

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

```
.background{ background-color: rgb(160,  
137, 159) }
```

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