

Converting Colors

$Y_{xy}(27.9322, 0.3280, 0.3093)$

Have a look what the booklet for
Yxy(27.9322, 0.3280, 0.3093)
contains.

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Color

Yxy(27.8799, 0.3280, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	A38996
RGB	163, 137, 150
RGB Percent	64%, 54%, 59%
CMY	0.3607, 0.4627, 0.4118
CMYK	0.00, 0.16, 0.08, 0.36
HSL	330°, 12%, 59%
HSV	330°, 16%, 64%
XYZ	29.5559, 27.8799, 32.6737
YIQ	146.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

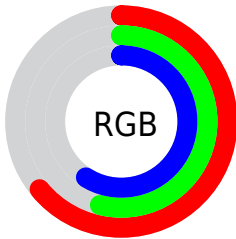
Format	Color
RYB	163, 137, 150
Decimal	10717590
CIELab	59.78, 12.11, -3.24
CIELCh	60, 12.533, 345.002
Yxy	27.8799, 0.3280, 0.3094
Android (android.graphics.Color)	4288907670 (0xFFA38996)
YUV	146.2560, 1.8458, 14.6845
Hunter-Lab	52.8014, 7.5140, 0.2721

Details

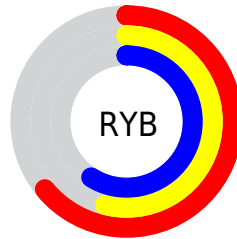
The Yxy color **27.8799, 0.3280, 0.3094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7196, 0.2997, 0.3495**, and the grayscale version is **28.8447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0920, 0.3249, 0.3130**, and **11.0967, 0.3336, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **23.3376, 0.3401, 0.2964**, and if you desaturate by 10%, it is **33.1431, 0.3179, 0.3219**.

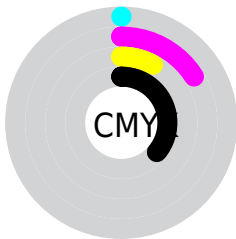
Distribution



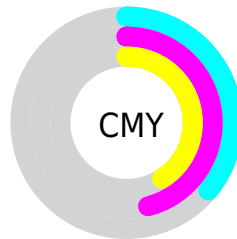
- Red (64%)
- Green (54%)
- Blue (59%)



- Red (64%)
- Yellow (54%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8799, 0.3280, 0.3094 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 27.8799, 0.3280, 0.3094 by changing the saturation by 10% instead.


 27.8799, 0.3280,
0.3094


 27.8799, 0.3280,
0.3094


291.8926, 0.3198,
0.3199


 18.2351, 0.3303,
0.3065


 56.2926, 0.3249,
0.3134

 11.1189, 0.3333,
0.3027


 75.8294, 0.3237,
0.3148

 6.1469, 0.3377,
0.2972


 99.4323, 0.3228,
0.3160

 2.9346, 0.3444,
0.2888

127.4857, 0.3220,
0.3171

 1.0977, 0.3560,
0.2746

160.3741, 0.3213,
0.3179

 0.0000, 0.5763,
0.0000

198.4818, 0.3207,

 0.0000, 0.0000,

0.3187

0.0000

242.1931, 0.3202,
0.3193

■ 27.8799, 0.3280,
0.3094

■ 27.8799, 0.3280,
0.3094

■ 23.3376, 0.3401,
0.2964

■ 33.1431, 0.3179,
0.3219

■ 19.4810, 0.3545,
0.2833

■ 39.1533, 0.3095,
0.3337

■ 16.2770, 0.3714,
0.2706

■ 45.9398, 0.3026,
0.3446

■ 13.6889, 0.3908,
0.2591

■ 53.5290, 0.2968,
0.3548

■ 11.6757, 0.4125,
0.2500

■ 61.9462, 0.2920,
0.3641

■ 10.1918, 0.4361,
0.2444

■ 71.2157, 0.2881,
0.3726

■ 9.1843, 0.4604,
0.2433

■ 81.3607, 0.2848,
0.3804

■ 8.5821, 0.4844,
0.2474

■ 84.2279, 0.2810,
0.3747

■ 8.3880, 0.4942,
0.2496

■ 84.6587, 0.2769,
0.3649

Harmonies

Analogous

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



27.8799, 0.3069, 0.2980



27.8799, 0.3280, 0.3094



27.8799, 0.3453, 0.3258

Triad

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



27.8799, 0.3280, 0.3094



27.8799, 0.3372, 0.3655



27.8799, 0.2734, 0.3124

Complementary

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



27.8799, 0.3280, 0.3094



33.7196, 0.2997, 0.3495

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.



27.8799, 0.2810, 0.3311



27.8799, 0.3280, 0.3094



27.8799, 0.3174, 0.3627

Square

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



27.8799, 0.3280, 0.3094



27.8799, 0.3506, 0.3581



27.8799, 0.2969, 0.3498



27.8799, 0.2759, 0.2991

Rectangle

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



27.8799, 0.3280, 0.3094



27.8799, 0.3521, 0.3376



27.8799, 0.2969, 0.3498



27.8799, 0.2748, 0.3182

Sweetspot

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



27.8811, 0.3280, 0.3094



60.2232, 0.3171, 0.3229



27.0211, 0.3008, 0.2889



13.3733, 0.3177, 0.3221



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.



27.8811, 0.3280, 0.3094



47.0206, 0.3319, 0.3050



27.4856, 0.3420, 0.3291



7.1422, 0.3210, 0.3178



6.5272, 0.4922, 0.2485



0.1467, 0.4157, 0.2063

Inverse Universe

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



27.8811, 0.3280, 0.3094



47.0206, 0.3319, 0.3050



34.1616, 0.2891, 0.3289



7.1422, 0.3210, 0.3178



6.5272, 0.4922, 0.2485



0.1467, 0.4157, 0.2063

Previews

White Background



This preview shows how the Yxy color 27.8799, 0.3280, 0.3094 looks on a white background.

Color Contrast Check

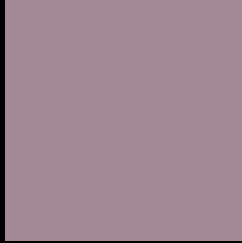
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8799, 0.3280, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

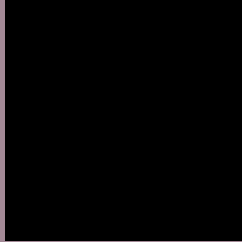
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8799, 0.3280, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 27.8799, 0.3280, 0.3094.



This preview shows how white text looks on a background with the Yxy color 27.8799, 0.3280, 0.3094.

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

27.8799, 0.3280, 0.3094

Protanopia

27.9073, 0.3031, 0.3115

Deuteranopia

27.9940, 0.3209, 0.3151



Tritanopia

27.8160, 0.3301, 0.3124

Trichromacy



Original Color

27.8799, 0.3280, 0.3094

Protanomaly

27.9290, 0.3115, 0.3103

Deuteranomaly

28.0061, 0.3243, 0.3137

Tritanomaly

27.8478, 0.3290, 0.3109

Monochromacy



Original Color

27.8799, 0.3280, 0.3094

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4269, 0.3183, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8799, 0.3280, 0.3094 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(163, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 150)  
}
```

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(163, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 150) }
```

Border

The CSS property to change the border of an element to Yxy 27.8799, 0.3280, 0.3094 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(163, 137, 150) }
```

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

```
.border{ border-color:rgb(163, 137, 150) }
```

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

Here you see how a box with a 4 pixel rgb(163, 137, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8799, 0.3280, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 150) }
```

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

```
.background{ background-color: rgb(163,  
137, 150) }
```

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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