

Converting Colors

$Y_{xy}(27.3818, 0.3199, 0.3732)$

Have a look what the booklet for
Yxy(27.3818, 0.3199, 0.3732)
contains.

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Color

Yxy(27.4102, 0.3199, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	83947A
RGB	131, 148, 122
RGB Percent	51%, 58%, 48%
CMY	0.4863, 0.4196, 0.5215
CMYK	0.11, 0.00, 0.18, 0.42
HSL	99°, 11%, 53%
HSV	99°, 18%, 58%
XYZ	23.4641, 27.4102, 22.4739
YIQ	139.9530, -1.7860, -11.6900

Conversions

Conversions Part 2

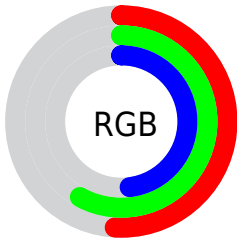
Format	Color
R_{YB}	122, 148, 139
Decimal	8623226
CIE _{Lab}	59.35, -11.13, 11.72
CIE _{LCh}	59, 16.167, 133.528
Y _{xy}	27.4102, 0.3199, 0.3737
Android (android.graphics.Color)	4286813306 (0xFF83947A)
YUV	139.9530, -8.8508, -7.8518
Hunter-Lab	52.3548, -11.6216, 11.1974

Details

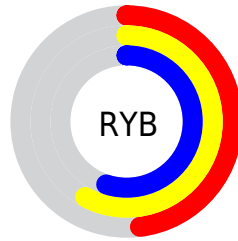
The Yxy color $27.4102, 0.3199, 0.3737$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.5542, 0.3042, 0.2856$, and the grayscale version is $26.2430, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4874, 0.3188, 0.3645$, and $10.7798, 0.3218, 0.3910$ is the 20% darker color. If you saturate the color by 10%, you get $26.3343, 0.3236, 0.4023$, and if you desaturate by 10%, it is $28.6166, 0.3159, 0.3473$.

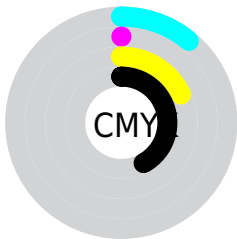
Distribution



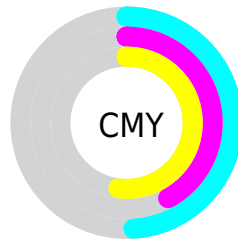
- Red (51%)
- Green (58%)
- Blue (48%)



- Red (48%)
- Yellow (58%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)





- Cyan (49%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4102, 0.3199, 0.3737 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 27.4102, 0.3199, 0.3737 by changing the saturation by 10% instead.


 27.4102, 0.3199,
0.3737


 27.4102, 0.3199,
0.3737


289.6378, 0.3163,
0.3488


 17.8815, 0.3208,
0.3809


 55.5414, 0.3186,
0.3640

 10.8650, 0.3219,
0.3909


 74.9127, 0.3181,
0.3605

 5.9761, 0.3232,
0.4055

 98.3338, 0.3177,
0.3577

 2.8306, 0.3248,
0.4291

126.1888, 0.3173,
0.3554

 1.0439, 0.3451,
0.5058

158.8624, 0.3170,
0.3534

 0.0000, 0.0000,
0.0000

196.7388, 0.3167,

0.3516

240.2025, 0.3165,
0.3502

■ 27.4102, 0.3199,
0.3737

■ 27.4102, 0.3199,
0.3737

■ 26.3343, 0.3236,
0.4023

■ 28.6166, 0.3159,
0.3473

■ 25.3809, 0.3269,
0.4326

■ 29.9543, 0.3117,
0.3234

■ 24.5465, 0.3292,
0.4638

■ 31.4285, 0.3076,
0.3019

■ 23.8259, 0.3304,
0.4945

■ 33.0431, 0.3036,
0.2827

■ 23.2135, 0.3302,
0.5231

■ 34.8017, 0.2997,
0.2658

■ 22.7034, 0.3284,
0.5480

■ 36.7080, 0.2961,
0.2508

■ 22.2888, 0.3250,
0.5675

■ 38.7653, 0.2927,
0.2376

■ 21.9592, 0.3205,
0.5814

■ 40.9770, 0.2896,
0.2259

■ 21.8879, 0.3195,
0.5845

■ 43.3318, 0.2868,
0.2157

Harmonies

Analogous

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



27.4102, 0.3454, 0.3763



27.4102, 0.3199, 0.3737



27.4102, 0.2933, 0.3574

Triad

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



27.4102, 0.3199, 0.3737



27.4102, 0.2649, 0.2909



27.4102, 0.3543, 0.3234

Complementary

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



27.4102, 0.3199, 0.3737



21.5542, 0.3042, 0.2856

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.



27.4102, 0.3311, 0.3029



27.4102, 0.3199, 0.3737



27.4102, 0.2797, 0.2843

Square

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



27.4102, 0.3199, 0.3737



27.4102, 0.2623, 0.3082



27.4102, 0.3037, 0.2888



27.4102, 0.3659, 0.3461

Rectangle

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



27.4102, 0.3199, 0.3737



27.4102, 0.2784, 0.3413



27.4102, 0.3037, 0.2888



27.4102, 0.3475, 0.3161

Sweetspot

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



27.4114, 0.3199, 0.3737



51.0486, 0.3148, 0.3412



26.1408, 0.3406, 0.3569



11.6199, 0.3151, 0.3428



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.4114, 0.3199, 0.3737



47.6038, 0.3214, 0.3845



26.8239, 0.3069, 0.3679



6.5601, 0.3165, 0.3515



18.7094, 0.3199, 0.5842



0.2442, 0.3535, 0.5575

Inverse Universe

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



21.5542, 0.3042, 0.2856



35.3246, 0.3019, 0.2754



22.2379, 0.3191, 0.2930



5.8099, 0.3086, 0.3068



4.0056, 0.2374, 0.1081



0.0654, 0.2772, 0.1301

Previews

White Background



This preview shows how the Yxy color 27.4102, 0.3199, 0.3737 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 27.4102, 0.3199, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

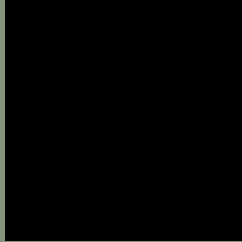
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

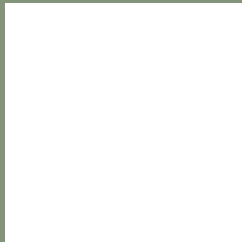
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.4102, 0.3199, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 27.4102, 0.3199, 0.3737.



This preview shows how white text looks on a background with the Yxy color 27.4102, 0.3199, 0.3737.

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

27.4102, 0.3199, 0.3737

Protanopia

27.1619, 0.3453, 0.3666

Deuteranopia

27.1331, 0.3565, 0.3493



Tritanopia

27.2457, 0.2941, 0.3095

Trichromacy



Original Color

27.4102, 0.3199, 0.3737

Protanomaly

27.1422, 0.3357, 0.3691

Deuteranomaly

27.0591, 0.3425, 0.3583

Tritanomaly

27.3023, 0.3032, 0.3323

Monochromacy



Original Color

27.4102, 0.3199, 0.3737

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6567, 0.3162, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4102, 0.3199, 0.3737 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(131, 148, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 148, 122)  
}
```

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(131, 148, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 148, 122) }
```

Border

The CSS property to change the border of an element to Yxy 27.4102, 0.3199, 0.3737 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(131, 148, 122) }
```

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

```
.border{ border-color:rgb(131, 148, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 148, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 148, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 148, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 148,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4102, 0.3199, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 148, 122) }
```

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

```
.background{ background-color: rgb(131,  
148, 122) }
```

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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