

Converting Colors

$Y_{xy}(20.8635, 0.3399, 0.3145)$

Have a look what the booklet for
Yxy(20.8635, 0.3399, 0.3145)
contains.

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Color

Yxy(20.7851, 0.3402, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	94767F
RGB	148, 118, 127
RGB Percent	58%, 46%, 50%
CMY	0.4195, 0.5373, 0.5019
CMYK	0.00, 0.20, 0.14, 0.42
HSL	342°, 12%, 52%
HSV	342°, 20%, 58%
XYZ	22.5266, 20.7851, 22.9040
YIQ	127.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

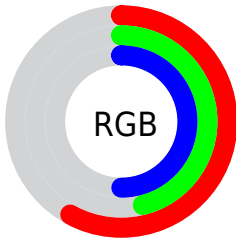
Format	Color
R_{YB}	148, 118, 127
Decimal	9729663
CIE _{Lab}	52.71, 13.25, -0.47
CIE _{LCh}	53, 13.255, 357.952
Yxy	20.7851, 0.3402, 0.3139
Android (android.graphics.Color)	4287919743 (0xFF94767F)
YUV	127.9960, -0.4910, 17.5435
Hunter-Lab	45.5907, 8.4140, 2.1272

Details

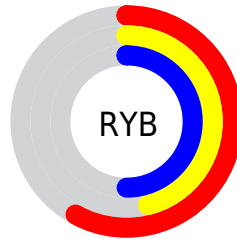
The Yxy color $20.7851, 0.3402, 0.3139$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.9061, 0.2911, 0.3447$, and the grayscale version is $21.5842, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.6013, 0.3334, 0.3166$, and $7.4718, 0.3515, 0.3091$ is the 20% darker color. If you saturate the color by 10%, you get $17.3127, 0.3584, 0.3060$, and if you desaturate by 10%, it is $24.8343, 0.3253, 0.3216$.

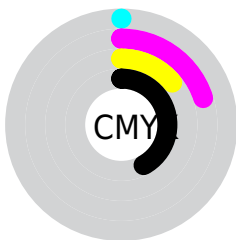
Distribution



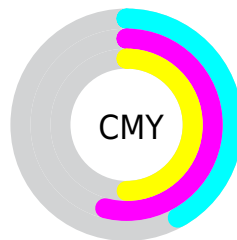
- Red (58%)
- Green (46%)
- Blue (50%)



- Red (58%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (42%)





- Cyan (42%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7851, 0.3402, 0.3139 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 20.7851, 0.3402, 0.3139 by changing the saturation by 10% instead.


 20.7851, 0.3402,
0.3139


 20.7851, 0.3402,
0.3139


256.1342, 0.3246,
0.3225


 12.9670, 0.3449,
0.3113


 44.7296, 0.3340,
0.3173

 7.4058, 0.3514,
0.3078


 61.6248, 0.3319,
0.3185

 3.7172, 0.3614,
0.3023

 82.3145, 0.3301,
0.3194

 1.5166, 0.3782,
0.2933

107.1831, 0.3286,
0.3202

 0.3004, 0.4796,
0.2366

136.6150, 0.3274,
0.3209

 0.0000, 0.0000,
0.0000

170.9945, 0.3263,

0.3215

210.7061, 0.3254,
0.3220

■ 20.7851, 0.3402,
0.3139

■ 20.7851, 0.3402,
0.3139

■ 17.3127, 0.3584,
0.3060

■ 24.8343, 0.3253,
0.3216

■ 14.3880, 0.3803,
0.2981

■ 29.4822, 0.3130,
0.3288

■ 11.9837, 0.4064,
0.2908


■ 34.7528, 0.3030,
0.3355


■ 10.0688, 0.4367,
0.2849


■ 40.6681, 0.2948,
0.3417

■ 8.6090, 0.4705,
0.2814


■ 47.2488, 0.2881,
0.3473


 7.5658, 0.5061,
0.2813


 54.5150, 0.2825,
0.3525

 6.8938, 0.5409,
0.2856

 62.4856, 0.2778,
0.3571

 6.4840, 0.5720,
0.2924

 71.1791, 0.2740,
0.3614

 80.6131, 0.2707,
0.3653

Harmonies

Analogous

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



20.7851, 0.3166, 0.2979



20.7851, 0.3402, 0.3139



20.7851, 0.3566, 0.3340

Triad

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



20.7851, 0.3402, 0.3139



20.7851, 0.3317, 0.3719



20.7851, 0.2669, 0.3018

Complementary

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



20.7851, 0.3402, 0.3139



26.9061, 0.2911, 0.3447

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.



20.7851, 0.2707, 0.3214



20.7851, 0.3402, 0.3139



20.7851, 0.3075, 0.3633

Square

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



20.7851, 0.3402, 0.3139



20.7851, 0.3514, 0.3679



20.7851, 0.2853, 0.3443



20.7851, 0.2748, 0.2905

Rectangle

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



20.7851, 0.3402, 0.3139



20.7851, 0.3609, 0.3475



20.7851, 0.2853, 0.3443



20.7851, 0.2669, 0.3076

Sweetspot

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



20.7860, 0.3402, 0.3139



47.0885, 0.3199, 0.3246



20.5845, 0.3042, 0.2786



10.6433, 0.3206, 0.3242



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.



20.7860, 0.3402, 0.3139



33.9741, 0.3474, 0.3106



22.0219, 0.3497, 0.3393



5.8423, 0.3238, 0.3224



5.5400, 0.5703, 0.2916



0.0725, 0.4641, 0.2330

Inverse Universe

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



20.7860, 0.3402, 0.3139



33.9741, 0.3474, 0.3106



25.3436, 0.2827, 0.3185



5.8423, 0.3238, 0.3224



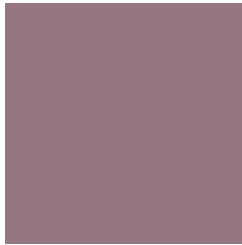
5.5400, 0.5703, 0.2916



0.0725, 0.4641, 0.2330

Previews

White Background



This preview shows how the Yxy color 20.7851, 0.3402, 0.3139 looks on a white background.

Color Contrast Check

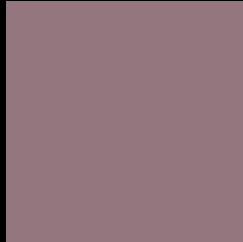
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7851, 0.3402, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

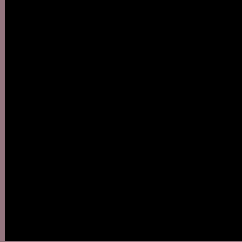
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.7851, 0.3402, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 20.7851, 0.3402, 0.3139.



This preview shows how white text looks on a background with the Yxy color 20.7851, 0.3402, 0.3139.

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

20.7851, 0.3402, 0.3139

Protanopia

20.8180, 0.3085, 0.3182

Deuteranopia

20.8287, 0.3279, 0.3220



Tritanopia

20.7851, 0.3402, 0.3139

Trichromacy



Original Color

20.7851, 0.3402, 0.3139

Protanomaly

20.6817, 0.3195, 0.3149

Deuteranomaly

20.9319, 0.3331, 0.3204

Tritanomaly

20.7851, 0.3402, 0.3139

Monochromacy



Original Color

20.7851, 0.3402, 0.3139

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1247, 0.3215, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7851, 0.3402, 0.3139 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(148, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(148, 118, 127)  
}
```

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(148, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 118, 127) }
```

Border

The CSS property to change the border of an element to Yxy 20.7851, 0.3402, 0.3139 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(148, 118, 127) }
```

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

```
.border{ border-color:rgb(148, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 118, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 118, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 118,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7851, 0.3402, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 118, 127) }
```

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

```
.background{ background-color: rgb(148,  
118, 127) }
```

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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