

Converting Colors

$Y_{xy}(24.4221, 0.3369, 0.3095)$

Have a look what the booklet for
Yxy(24.4221, 0.3369, 0.3095)
contains.

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Color

Yxy(24.4138, 0.3373, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	9F7F8B
RGB	159, 127, 139
RGB Percent	62%, 50%, 55%
CMY	0.3765, 0.5019, 0.4549
CMYK	0.00, 0.20, 0.13, 0.38
HSL	337°, 14%, 56%
HSV	337°, 20%, 62%
XYZ	26.5467, 24.4138, 27.7430
YIQ	137.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

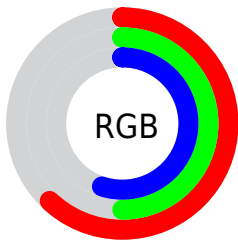
Format	Color
R _Y B	159, 127, 139
Decimal	10452875
CIE Lab	56.50, 14.34, -1.79
CIE LCh	56, 14.447, 352.870
Yxy	24.4138, 0.3373, 0.3102
Android (android.graphics.Color)	4288642955 (0xFF9F7F8B)
YUV	137.9360, 0.5246, 18.4731
Hunter-Lab	49.4103, 9.4346, 1.2970

Details

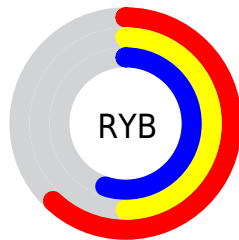
The Yxy color $24.4138, 0.3373, 0.3102$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $31.4116, 0.2932, 0.3486$, and the grayscale version is $25.3841, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7444, 0.3324, 0.3149$, and $9.2958, 0.3464, 0.3040$ is the 20% darker color. If you saturate the color by 10%, you get $20.3495, 0.3535, 0.3003$, and if you desaturate by 10%, it is $29.1548, 0.3239, 0.3198$.

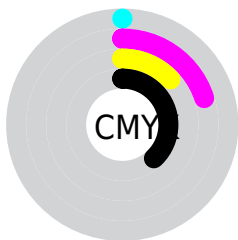
Distribution



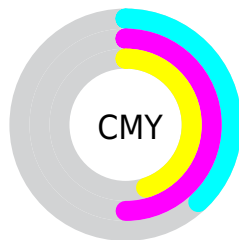
- Red (62%)
- Green (50%)
- Blue (55%)



- Red (62%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4138, 0.3373, 0.3102 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 24.4138, 0.3373, 0.3102 by changing the saturation by 10% instead.


 24.4138, 0.3373,
0.3102


 24.4138, 0.3373,
0.3102


274.9059, 0.3237,
0.3205


 15.6409, 0.3412,
0.3073


 50.7046, 0.3320,
0.3142

 9.2704, 0.3465,
0.3032


 68.9913, 0.3301,
0.3156

 4.9180, 0.3544,
0.2974

 91.2180, 0.3286,
0.3168

 2.1992, 0.3669,
0.2882

117.7691, 0.3273,
0.3178

 0.7196, 0.3918,
0.2688

149.0291, 0.3262,
0.3186

 0.0000, 0.0000,
0.0000

185.3823, 0.3253,

0.3193

227.2131, 0.3245,
0.3200

■ 24.4138, 0.3373,
0.3102

■ 24.4138, 0.3373,
0.3102

■ 20.3495, 0.3535,
0.3003

■ 29.1548, 0.3239,
0.3198

■ 16.9275, 0.3730,
0.2904

■ 34.5981, 0.3128,
0.3289

■ 14.1155, 0.3961,
0.2811


■ 40.7721, 0.3038,
0.3374


■ 11.8769, 0.4227,
0.2734


■ 47.7028, 0.2963,
0.3451

■ 10.1713, 0.4524,
0.2683


■ 55.4145, 0.2901,
0.3523

 8.9528, 0.4840,
0.2670


 63.9309, 0.2850,
0.3588

 8.1678, 0.5154,
0.2705

 73.2744, 0.2808,
0.3648

 7.6927, 0.5450,
0.2776

 83.4664, 0.2773,
0.3702

 84.5135, 0.2725,
0.3592

Harmonies

Analogous

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



24.4138, 0.3123, 0.2948



24.4138, 0.3373, 0.3102



24.4138, 0.3560, 0.3305

Triad

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



24.4138, 0.3373, 0.3102



24.4138, 0.3363, 0.3736



24.4138, 0.2653, 0.3038

Complementary

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



24.4138, 0.3373, 0.3102



31.4116, 0.2932, 0.3486

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.



24.4138, 0.2711, 0.3251



24.4138, 0.3373, 0.3102



24.4138, 0.3116, 0.3669

Square

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



24.4138, 0.3373, 0.3102



24.4138, 0.3552, 0.3673



24.4138, 0.2878, 0.3486



24.4138, 0.2714, 0.2905

Rectangle

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



24.4138, 0.3373, 0.3102



24.4138, 0.3619, 0.3446



24.4138, 0.2878, 0.3486



24.4138, 0.2659, 0.3102

Sweetspot

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



24.4149, 0.3373, 0.3102



55.9688, 0.3192, 0.3235



23.8616, 0.3013, 0.2783



12.4880, 0.3199, 0.3230



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.



24.4149, 0.3373, 0.3102



40.4253, 0.3440, 0.3059



25.0648, 0.3503, 0.3350



6.6853, 0.3228, 0.3206



6.0843, 0.5427, 0.2763



0.1167, 0.4444, 0.2222

Inverse Universe

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



24.4149, 0.3373, 0.3102



40.4253, 0.3440, 0.3059



30.5443, 0.2830, 0.3229



6.6853, 0.3228, 0.3206



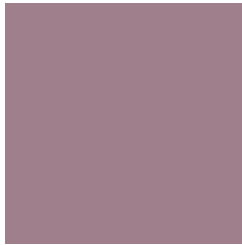
6.0843, 0.5427, 0.2763



0.1167, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 24.4138, 0.3373, 0.3102 looks on a white background.

Color Contrast Check

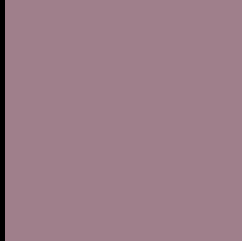
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4138, 0.3373, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

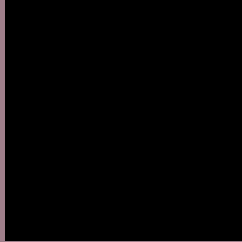
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4138, 0.3373, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 24.4138, 0.3373, 0.3102.



This preview shows how white text looks on a background with the Yxy color 24.4138, 0.3373, 0.3102.

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

24.4138, 0.3373, 0.3102

Protanopia

24.5758, 0.3046, 0.3139

Deuteranopia

24.3635, 0.3248, 0.3176



Tritanopia

24.3558, 0.3397, 0.3133

Trichromacy



Original Color

24.4138, 0.3373, 0.3102

Protanomaly

24.3848, 0.3158, 0.3125

Deuteranomaly

24.4756, 0.3296, 0.3161

Tritanomaly

24.3847, 0.3385, 0.3118

Monochromacy



Original Color

24.4138, 0.3373, 0.3102

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9962, 0.3221, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4138, 0.3373, 0.3102 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(159, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(159, 127, 139)  
}
```

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(159, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 127, 139) }
```

Border

The CSS property to change the border of an element to Yxy 24.4138, 0.3373, 0.3102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

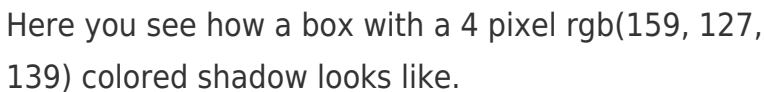
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 127, 139) }
```

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

```
.border{ border-color:rgb(159, 127, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 127, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 127, 139); box-shadow:4px 4px 4px 4px rgb(159, 127, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4138, 0.3373, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 127, 139) }
```

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

```
.background{ background-color: rgb(159,  
127, 139) }
```

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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