

Converting Colors

$Y_{xy}(18.9796, 0.3539, 0.3235)$

Have a look what the booklet for
Yxy(18.9796, 0.3539, 0.3235)
contains.

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Color

Yxy(18.9371, 0.3548, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	927073
RGB	146, 112, 115
RGB Percent	57%, 44%, 45%
CMY	0.4274, 0.5608, 0.5490
CMYK	0.00, 0.23, 0.21, 0.43
HSL	355°, 13%, 51%
HSV	355°, 23%, 57%
XYZ	20.7437, 18.9371, 18.7851
YIQ	122.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

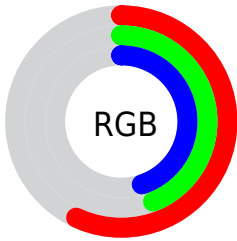
Format	Color
RYB	146, 112, 115
Decimal	9597043
CIELab	50.61, 13.91, 3.51
CIELCh	51, 14.346, 14.170
Yxy	18.9371, 0.3548, 0.3239
Android (android.graphics.Color)	4287787123 (0xFF927073)
YUV	122.5080, -3.7014, 20.6025
Hunter-Lab	43.5168, 8.9335, 4.8678

Details

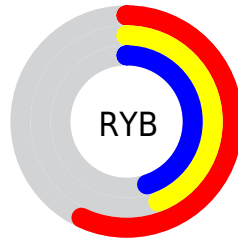
The Yxy color **18.9371, 0.3548, 0.3239** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9866, 0.2819, 0.3342**, and the grayscale version is **19.6453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6203, 0.3444, 0.3253**, and **6.5049, 0.3738, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **15.6884, 0.3803, 0.3216**, and if you desaturate by 10%, it is **22.7542, 0.3341, 0.3262**.

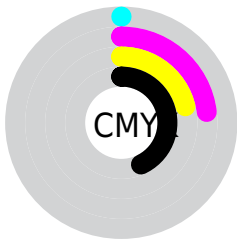
Distribution



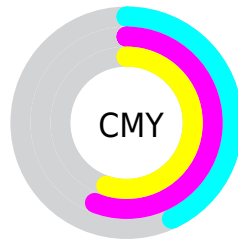
- Red (57%)
- Green (44%)
- Blue (45%)



- Red (57%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (43%)





- Cyan (43%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9371, 0.3548, 0.3239 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 18.9371, 0.3548, 0.3239 by changing the saturation by 10% instead.


 18.9371, 0.3548,
0.3239

 18.9371, 0.3548,
0.3239

246.1013, 0.3305,
0.3271


 11.6248, 0.3623,
0.3228


 41.6278, 0.3450,
0.3253


 6.4888, 0.3731,
0.3211


 57.7750, 0.3416,
0.3257

 3.1445, 0.3898,
0.3183

 77.6360, 0.3389,
0.3260

 1.2076, 0.4190,
0.3128

 101.5951, 0.3366,
0.3263

 0.0679, 0.8561,
0.1439

130.0368, 0.3347,
0.3266

 0.0000, 0.0000,
0.0000

163.3455, 0.3331,

0.3268

201.9055, 0.3317,
0.3269

■ 18.9371, 0.3548,
0.3239

■ 18.9371, 0.3548,
0.3239

■ 15.6884, 0.3803,
0.3216

■ 22.7542, 0.3341,
0.3262

■ 12.9785, 0.4113,
0.3194

■ 27.1624, 0.3175,
0.3283

■ 10.7790, 0.4481,
0.3176

■ 32.1862, 0.3040,
0.3303

■ 9.0580, 0.4900,
0.3166

■ 37.8481, 0.2931,
0.3321

■ 7.7797, 0.5343,
0.3167

■ 44.1692, 0.2842,
0.3338

■ 6.9035, 0.5765,
0.3185

■ 51.1699, 0.2768,
0.3353

■ 6.3814, 0.6104,
0.3218

■ 58.8696, 0.2708,
0.3366

■ 6.1402, 0.6277,
0.3231

■ 67.2870, 0.2658,
0.3379

■ 76.4401, 0.2616,
0.3390

Harmonies

Analogous

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



18.9371, 0.3318, 0.3032



18.9371, 0.3548, 0.3239



18.9371, 0.3662, 0.3466

Triad

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



18.9371, 0.3548, 0.3239



18.9371, 0.3193, 0.3737



18.9371, 0.2650, 0.2905

Complementary

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



18.9371, 0.3548, 0.3239



25.9866, 0.2819, 0.3342

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.



18.9371, 0.2621, 0.3076



18.9371, 0.3548, 0.3239



18.9371, 0.2927, 0.3570

Square

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



18.9371, 0.3548, 0.3239



18.9371, 0.3450, 0.3766



18.9371, 0.2720, 0.3321



18.9371, 0.2800, 0.2841

Rectangle

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



18.9371, 0.3548, 0.3239



18.9371, 0.3653, 0.3603



18.9371, 0.2720, 0.3321



18.9371, 0.2626, 0.2951

Sweetspot

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



18.9380, 0.3548, 0.3239



44.7927, 0.3235, 0.3275



19.4683, 0.3111, 0.2723



9.8784, 0.3243, 0.3274



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.9380, 0.3548, 0.3239



30.2600, 0.3676, 0.3227



22.1013, 0.3538, 0.3524



5.8232, 0.3269, 0.3271



5.4047, 0.6269, 0.3227



0.0678, 0.5705, 0.2917

Inverse Universe

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



18.9380, 0.3548, 0.3239



30.2600, 0.3676, 0.3227



22.1322, 0.2775, 0.3044



5.8232, 0.3269, 0.3271



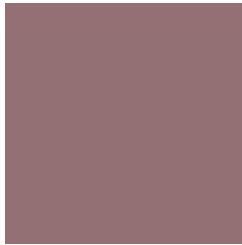
5.4047, 0.6269, 0.3227



0.0678, 0.5705, 0.2917

Previews

White Background



This preview shows how the Yxy color 18.9371, 0.3548, 0.3239 looks on a white background.

Color Contrast Check

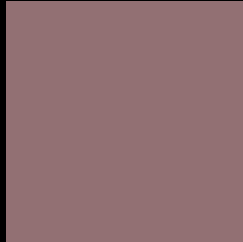
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9371, 0.3548, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

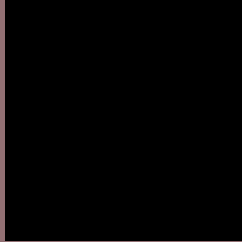
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9371, 0.3548, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 18.9371, 0.3548, 0.3239.



This preview shows how white text looks on a background with the Yxy color 18.9371, 0.3548, 0.3239.

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

18.9371, 0.3548, 0.3239

Protanopia

19.0000, 0.3165, 0.3290

Deuteranopia

19.0884, 0.3398, 0.3345



Tritanopia

18.9280, 0.3498, 0.3137

Trichromacy



Original Color

18.9371, 0.3548, 0.3239

Protanomaly

18.8559, 0.3296, 0.3272

Deuteranomaly

18.9653, 0.3457, 0.3309

Tritanomaly

18.8799, 0.3525, 0.3171

Monochromacy



Original Color

18.9371, 0.3548, 0.3239

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.3750, 0.3267, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9371, 0.3548, 0.3239 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(146, 112, 115)` looks like.

```
.text, #text, p{  
    color:rgb(146, 112, 115)  
}
```

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(146, 112, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 112, 115) }
```

Border

The CSS property to change the border of an element to Yxy 18.9371, 0.3548, 0.3239 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(146, 112, 115) }
```

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

```
.border{ border-color:rgb(146, 112, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 112, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 112, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 112, 115);  
box-shadow:4px 4px 4px 4px rgb(146, 112,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9371, 0.3548, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 112, 115) }
```

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

```
.background{ background-color: rgb(146,  
112, 115) }
```

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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