

Converting Colors

$Y_{xy}(15.9687, 0.3731, 0.3252)$

Have a look what the booklet for
Yxy(15.9687, 0.3731, 0.3252)
contains.

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Color

Yxy(15.9133, 0.3741, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	8F6466
RGB	143, 100, 102
RGB Percent	56%, 39%, 40%
CMY	0.4392, 0.6078, 0.6000
CMYK	0.00, 0.30, 0.29, 0.44
HSL	357°, 18%, 48%
HSV	357°, 30%, 56%
XYZ	18.2837, 15.9133, 14.6768
YIQ	113.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

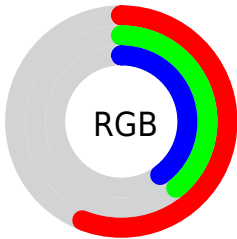
Format	Color
R _Y B	143, 100, 102
Decimal	9397350
CIE Lab	46.86, 17.68, 5.83
CIE LCh	47, 18.619, 18.260
Yxy	15.9133, 0.3741, 0.3256
Android (android.graphics.Color)	4287587430 (0xFF8F6466)
YUV	113.0850, -5.4649, 26.2355
Hunter-Lab	39.8915, 12.0028, 6.1102

Details

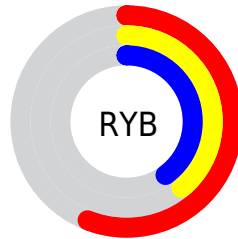
The Yxy color **15.9133, 0.3741, 0.3256** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2797, 0.2724, 0.3326**, and the grayscale version is **16.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4389, 0.3594, 0.3265**, and **5.0462, 0.4029, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **13.1586, 0.4046, 0.3245**, and if you desaturate by 10%, it is **19.1955, 0.3492, 0.3268**.

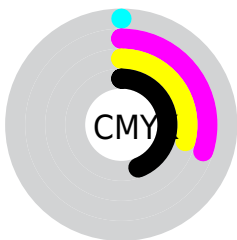
Distribution



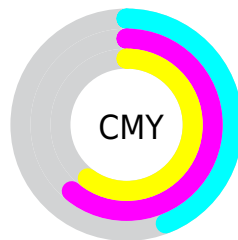
- Red (56%)
- Green (39%)
- Blue (40%)



- Red (56%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9133, 0.3741, 0.3256 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 15.9133, 0.3741, 0.3256 by changing the saturation by 10% instead.


 15.9133, 0.3741,
0.3256


 15.9133, 0.3741,
0.3256


228.8296, 0.3377,
0.3282


 9.4628, 0.3859,
0.3244


 36.4476, 0.3591,
0.3268


 5.0443, 0.4032,
0.3225

 51.3003, 0.3541,
0.3272

 2.2733, 0.4310,
0.3186

 69.7224, 0.3500,
0.3275

 0.7595, 0.5032,
0.3202

 92.0985, 0.3467,
0.3277

 0.0000, 1.0000,
0.0000

118.8128, 0.3439,
0.3278

 0.0000, 0.0000,
0.0000

150.2498, 0.3415,

0.3280

186.7940, 0.3395,
0.3281

■ 15.9133, 0.3741,
0.3256

■ 15.9133, 0.3741,
0.3256

■ 13.1586, 0.4046,
0.3245

■ 19.1955, 0.3492,
0.3268

■ 10.9019, 0.4412,
0.3235

■ 23.0285, 0.3290,
0.3279

■ 9.1141, 0.4834,
0.3229


■ 27.4365, 0.3128,
0.3290

■ 7.7622, 0.5287,
0.3230


■ 32.4421, 0.2997,
0.3300

■ 6.8089, 0.5726,
0.3238

■ 38.0663, 0.2891,
0.3309


 6.2107, 0.6087,
0.3255

 44.3292, 0.2805,
0.3317

 5.8547, 0.6335,
0.3263

 51.2501, 0.2733,
0.3324

 58.8474, 0.2675,
0.3331

 67.1386, 0.2626,
0.3337

Harmonies

Analogous

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



15.9133, 0.3436, 0.2974



15.9133, 0.3741, 0.3256



15.9133, 0.3870, 0.3561

Triad

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



15.9133, 0.3741, 0.3256



15.9133, 0.3161, 0.3894



15.9133, 0.2498, 0.2742

Complementary

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



15.9133, 0.3741, 0.3256



24.2797, 0.2724, 0.3326

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.



15.9133, 0.2437, 0.2950



15.9133, 0.3741, 0.3256



15.9133, 0.2805, 0.3637

Square

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



15.9133, 0.3741, 0.3256



15.9133, 0.3521, 0.3955



15.9133, 0.2545, 0.3278



15.9133, 0.2719, 0.2683

Rectangle

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



15.9133, 0.3741, 0.3256



15.9133, 0.3837, 0.3744



15.9133, 0.2545, 0.3278



15.9133, 0.2459, 0.2795

Sweetspot

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



15.9141, 0.3741, 0.3256



41.8904, 0.3275, 0.3280



16.7481, 0.3132, 0.2562



9.3817, 0.3298, 0.3279



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.



15.9141, 0.3741, 0.3256



25.0951, 0.3939, 0.3248



20.0383, 0.3674, 0.3633



5.4279, 0.3274, 0.3280



5.1771, 0.6330, 0.3261



0.0501, 0.6010, 0.3085

Inverse Universe

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



15.9141, 0.3741, 0.3256



25.0951, 0.3939, 0.3248



19.0215, 0.2668, 0.2920



5.4279, 0.3274, 0.3280



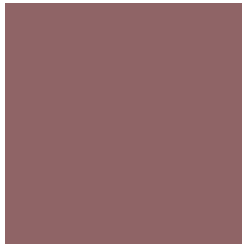
5.1771, 0.6330, 0.3261



0.0501, 0.6010, 0.3085

Previews

White Background



This preview shows how the Yxy color 15.9133, 0.3741, 0.3256 looks on a white 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

Black Background



This preview shows how the Yxy color 15.9133, 0.3741, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

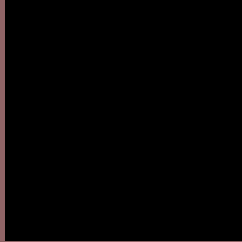
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9133, 0.3741, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 15.9133, 0.3741, 0.3256.



This preview shows how white text looks on a background with the Yxy color 15.9133, 0.3741, 0.3256.

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

15.9133, 0.3741, 0.3256

Protanopia

16.0290, 0.3205, 0.3351

Deuteranopia

15.8906, 0.3477, 0.3408



Tritanopia

15.9145, 0.3684, 0.3149

Trichromacy



Original Color

15.9133, 0.3741, 0.3256

Protanomaly

15.9160, 0.3394, 0.3310

Deuteranomaly

15.7457, 0.3576, 0.3348

Tritanomaly

15.8729, 0.3715, 0.3185

Monochromacy



Original Color

15.9133, 0.3741, 0.3256

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1143, 0.3336, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9133, 0.3741, 0.3256 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(143, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 102)  
}
```

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(143, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 102) }
```

Border

The CSS property to change the border of an element to Yxy 15.9133, 0.3741, 0.3256 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(143, 100, 102) }
```

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

```
.border{ border-color:rgb(143, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9133, 0.3741, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 102) }
```

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

```
.background{ background-color: rgb(143,  
100, 102) }
```

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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