

Converting Colors

$Y_{xy}(15.7953, 0.4168, 0.3938)$

Have a look what the booklet for
Yxy(15.7953, 0.4168, 0.3938)
contains.

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Color

Yxy(15.8934, 0.4165, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	8C6844
RGB	140, 104, 68
RGB Percent	55%, 41%, 27%
CMY	0.4511, 0.5921, 0.7333
CMYK	0.00, 0.26, 0.51, 0.45
HSL	30°, 35%, 41%
HSV	30°, 51%, 55%
XYZ	16.8053, 15.8934, 7.6501
YIQ	110.6600, 33.0120, -3.5640

Conversions

Conversions Part 2

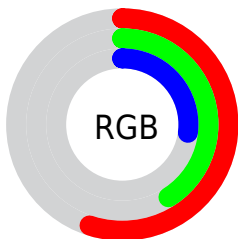
Format	Color
R_{YB}	140, 140, 68
Decimal	9201732
CIE Lab	46.83, 9.80, 25.81
CIE LCh	47, 27.604, 69.215
Yxy	15.8934, 0.4165, 0.3939
Android (android.graphics.Color)	4287391812 (0xFF8C6844)
YUV	110.6600, -21.0314, 25.7312
Hunter-Lab	39.8665, 5.4782, 16.5292

Details

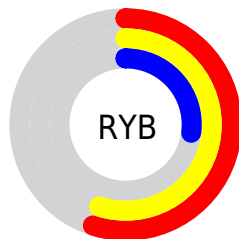
The Yxy color **15.8934, 0.4165, 0.3939** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.0125, 0.2331, 0.2515**, and the grayscale version is **15.8475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3291, 0.3915, 0.3799**, and **5.0144, 0.4605, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **14.3931, 0.4427, 0.4045**, and if you desaturate by 10%, it is **17.5528, 0.3918, 0.3817**.

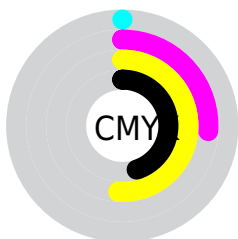
Distribution



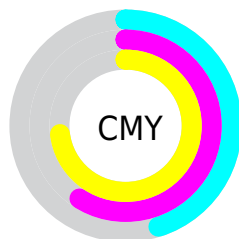
- Red (55%)
- Green (41%)
- Blue (27%)



- Red (55%)
- Yellow (55%)
- Blue (27%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (45%)





- Cyan (45%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8934, 0.4165, 0.3939 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 15.8934, 0.4165, 0.3939 by changing the saturation by 10% instead.


 15.8934, 0.4165,
0.3939


 15.8934, 0.4165,
0.3939


228.7119, 0.3557,
0.3581


 9.4488, 0.4350,
0.4033


 36.4130, 0.3920,
0.3803


 5.0350, 0.4606,
0.4150

 51.2568, 0.3836,
0.3753


 2.2678, 0.5138,
0.4423

 69.6691, 0.3767,
0.3712

 0.7566, 0.5602,
0.4398

 92.0343, 0.3710,
0.3677

 0.0000, 0.0000,
0.0000

 118.7368, 0.3663,
0.3648

150.1609, 0.3623,

0.3622

186.6912, 0.3588,
0.3600

■ 15.8934, 0.4165,
0.3939

■ 15.8934, 0.4165,
0.3939

■ 14.3931, 0.4427,
0.4045

■ 17.5528, 0.3918,
0.3817

■ 13.0438, 0.4694,
0.4123

■ 19.3744, 0.3691,
0.3686

■ 11.8401, 0.4953,
0.4161

■ 21.3640, 0.3488,
0.3555

■ 10.7748, 0.5187,
0.4151

■ 23.5265, 0.3307,
0.3428

■ 9.9593, 0.5373,
0.4115

■ 25.8663, 0.3148,
0.3307

■ 28.3880, 0.3009,
0.3193

■ 31.0956, 0.2887,
0.3088

■ 33.9933, 0.2781,
0.2991

■ 37.0850, 0.2688,
0.2902

Harmonies

Analogous

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



15.8934, 0.4209, 0.3525



15.8934, 0.4165, 0.3939



15.8934, 0.3831, 0.4235

Triad

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



15.8934, 0.4165, 0.3939



15.8934, 0.2369, 0.3426



15.8934, 0.2855, 0.2490

Complementary

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



15.8934, 0.4165, 0.3939



13.0125, 0.2331, 0.2515

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.



15.8934, 0.2415, 0.2420



15.8934, 0.4165, 0.3939



15.8934, 0.2154, 0.2901

Square

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



15.8934, 0.4165, 0.3939



15.8934, 0.2789, 0.3963



15.8934, 0.2172, 0.2552



15.8934, 0.3412, 0.2732

Rectangle

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



15.8934, 0.4165, 0.3939



15.8934, 0.3504, 0.4296



15.8934, 0.2172, 0.2552



15.8934, 0.2689, 0.2446

Sweetspot

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



15.8942, 0.4165, 0.3939



39.9742, 0.3375, 0.3477



10.7060, 0.3803, 0.2648



9.0471, 0.3408, 0.3501



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.8942, 0.4165, 0.3939



24.9177, 0.4477, 0.4062



24.7382, 0.3853, 0.4490



5.4350, 0.3269, 0.3400



8.8925, 0.5366, 0.4121



0.0883, 0.4766, 0.4598

Inverse Universe

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



13.0125, 0.2331, 0.2515



19.2317, 0.2159, 0.2294



7.2553, 0.2178, 0.1721



5.2780, 0.2991, 0.3178



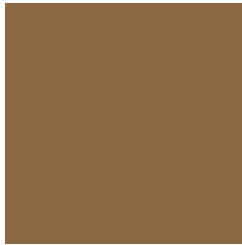
5.6071, 0.1784, 0.1622



0.0665, 0.1997, 0.2388

Previews

White Background



This preview shows how the Yxy color 15.8934, 0.4165, 0.3939 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 15.8934, 0.4165, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

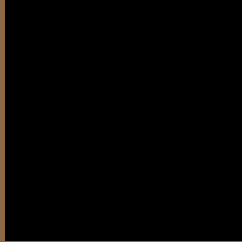
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8934, 0.4165, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 15.8934, 0.4165, 0.3939.



This preview shows how white text looks on a background with the Yxy color 15.8934, 0.4165, 0.3939.

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

15.8934, 0.4165, 0.3939

Protanopia

15.8888, 0.3786, 0.4090

Deuteranopia

15.8763, 0.4073, 0.3995



Tritanopia

15.8249, 0.3670, 0.3149

Trichromacy



Original Color

15.8934, 0.4165, 0.3939

Protanomaly

15.7565, 0.3926, 0.4024

Deuteranomaly

15.8389, 0.4112, 0.3969

Tritanomaly

15.8485, 0.3857, 0.3437

Monochromacy



Original Color

15.8934, 0.4165, 0.3939

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.6889, 0.3498, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8934, 0.4165, 0.3939 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(140, 104, 68)` looks like.

```
.text, #text, p{  
    color:rgb(140, 104, 68)  
}
```

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(140, 104, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 104, 68) }
```

Border

The CSS property to change the border of an element to Yxy 15.8934, 0.4165, 0.3939 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(140, 104, 68) }
```

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

```
.border{ border-color:rgb(140, 104, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 104, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 104, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 104, 68);  
box-shadow:4px 4px 4px 4px rgb(140, 104,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8934, 0.4165, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 104, 68) }
```

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

```
.background{ background-color: rgb(140,  
104, 68) }
```

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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