

Converting Colors

$Y_{xy}(15.5471, 0.3852, 0.3500)$

Have a look what the booklet for
Yxy(15.5471, 0.3852, 0.3500)
contains.

Yxy(15.5345, 0.3858, 0.3495)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.5345, 0.3858, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	8B655A
RGB	139, 101, 90
RGB Percent	55%, 40%, 35%
CMY	0.4548, 0.6039, 0.6471
CMYK	0.00, 0.27, 0.35, 0.45
HSL	13°, 21%, 45%
HSV	13°, 35%, 55%
XYZ	17.1480, 15.5345, 11.7653
YIQ	111.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

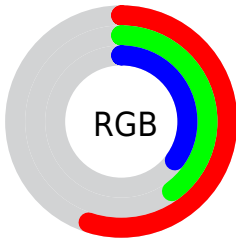
Format	Color
R_{YB}	139, 104, 90
Decimal	9135450
CIE Lab	46.36, 13.74, 12.25
CIE LCh	46, 18.413, 41.717
Yxy	15.5345, 0.3858, 0.3495
Android (android.graphics.Color)	4287325530 (0xFF8B655A)
YUV	111.1080, -10.4062, 24.4613
Hunter-Lab	39.4138, 8.6866, 9.8912

Details

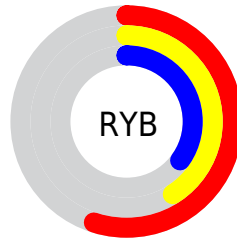
The Yxy color **15.5345, 0.3858, 0.3495** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.4777, 0.2618, 0.3073**, and the grayscale version is **15.9548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8193, 0.3683, 0.3453**, and **4.8464, 0.4204, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **13.3624, 0.4157, 0.3554**, and if you desaturate by 10%, it is **18.0269, 0.3603, 0.3434**.

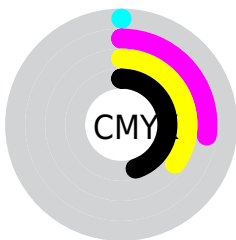
Distribution



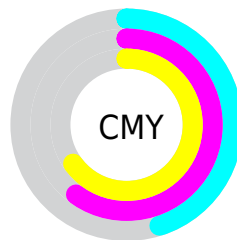
- Red (55%)
- Green (40%)
- Blue (35%)



- Red (55%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (45%)





- Cyan (45%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5345, 0.3858, 0.3495 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 15.5345, 0.3858, 0.3495 by changing the saturation by 10% instead.


 15.5345, 0.3858,
0.3495


 15.5345, 0.3858,
0.3495


226.5790, 0.3423,
0.3384

 9.1954, 0.3999,
0.3524


 35.7882, 0.3678,
0.3453


 4.8688, 0.4206,
0.3560

 50.4715, 0.3618,
0.3438

 2.1705, 0.4537,
0.3600

 68.7050, 0.3569,
0.3425

 0.7038, 0.5906,
0.4094

 90.8730, 0.3530,
0.3414

 0.0000, 0.0000,
0.0000

 117.3601, 0.3496,
0.3405

148.5505, 0.3468,

0.3397

184.8287, 0.3444,
0.3390

■ 15.5345, 0.3858,
0.3495

■ 15.5345, 0.3858,
0.3495

■ 13.3624, 0.4157,
0.3554

■ 18.0269, 0.3603,
0.3434

■ 11.4954, 0.4500,
0.3604

■ 20.8499, 0.3389,
0.3375

■ 9.9203, 0.4878,
0.3639


■ 24.0156, 0.3209,
0.3318

■ 8.6217, 0.5271,
0.3650


■ 27.5353, 0.3060,
0.3266


■ 7.5833, 0.5643,
0.3627

■ 31.4196, 0.2934,
0.3217

 6.7857, 0.5957,
0.3569

 35.6784, 0.2829,
0.3173

 6.4813, 0.6094,
0.3544

 40.3216, 0.2740,
0.3133

 45.3586, 0.2665,
0.3097

 50.7983, 0.2601,
0.3064

Harmonies

Analogous

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



15.5345, 0.3685, 0.3191



15.5345, 0.3858, 0.3495



15.5345, 0.3819, 0.3770

Triad

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



15.5345, 0.3858, 0.3495



15.5345, 0.2878, 0.3705



15.5345, 0.2660, 0.2685

Complementary

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



15.5345, 0.3858, 0.3495



19.4777, 0.2618, 0.3073

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.



15.5345, 0.2473, 0.2777



15.5345, 0.3858, 0.3495



15.5345, 0.2591, 0.3358

Square

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



15.5345, 0.3858, 0.3495



15.5345, 0.3242, 0.3924



15.5345, 0.2448, 0.3015



15.5345, 0.2978, 0.2741

Rectangle

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



15.5345, 0.3858, 0.3495



15.5345, 0.3683, 0.3899



15.5345, 0.2448, 0.3015



15.5345, 0.2581, 0.2699

Sweetspot

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



15.5352, 0.3858, 0.3495



39.5373, 0.3313, 0.3352



14.3698, 0.3316, 0.2614



8.9594, 0.3334, 0.3358



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.



15.5352, 0.3858, 0.3495



24.7894, 0.4083, 0.3540



20.9268, 0.3714, 0.3916



5.2190, 0.3275, 0.3340



5.8712, 0.6087, 0.3549



0.0578, 0.5403, 0.4092

Inverse Universe

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



19.4777, 0.2618, 0.3073



32.8844, 0.2518, 0.3018



13.9143, 0.2553, 0.2571



5.5014, 0.2991, 0.3240



11.3484, 0.2047, 0.2571



0.0970, 0.2152, 0.2946

Previews

White Background



This preview shows how the Yxy color 15.5345, 0.3858, 0.3495 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 15.5345, 0.3858, 0.3495 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 15.5345, 0.3858, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 15.5345, 0.3858, 0.3495.



This preview shows how white text looks on a background with the Yxy color 15.5345, 0.3858, 0.3495.

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

15.5345, 0.3858, 0.3495

Protanopia

15.6730, 0.3417, 0.3619

Deuteranopia

15.6185, 0.3679, 0.3623



Tritanopia

15.6270, 0.3655, 0.3165

Trichromacy



Original Color

15.5345, 0.3858, 0.3495

Protanomaly

15.5908, 0.3559, 0.3569

Deuteranomaly

15.5274, 0.3750, 0.3579

Tritanomaly

15.6099, 0.3727, 0.3292

Monochromacy



Original Color

15.5345, 0.3858, 0.3495

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.5596, 0.3377, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5345, 0.3858, 0.3495 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(139, 101, 90)` looks like.

```
.text, #text, p{  
    color:rgb(139, 101, 90)  
}
```

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(139, 101, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 101, 90) }
```

Border

The CSS property to change the border of an element to Yxy 15.5345, 0.3858, 0.3495 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(139, 101, 90) }
```

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

```
.border{ border-color:rgb(139, 101, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 101, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 101, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 101, 90);  
box-shadow:4px 4px 4px 4px rgb(139, 101,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5345, 0.3858, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 101, 90) }
```

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

```
.background{ background-color: rgb(139,  
101, 90) }
```

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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