

Converting Colors

$Yxy(15.6184, 0.3948, 0.3046)$

Have a look what the booklet for
Yxy(15.6184, 0.3948, 0.3046)
contains.

Yxy(15.5003, 0.3950, 0.3045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.5003, 0.3950, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	9D5A69
RGB	157, 90, 105
RGB Percent	62%, 35%, 41%
CMY	0.3844, 0.6470, 0.5882
CMYK	0.00, 0.43, 0.33, 0.38
HSL	347°, 27%, 48%
HSV	347°, 43%, 62%
XYZ	20.1071, 15.5003, 15.2967
YIQ	111.7430, 35.1170, 18.8690

Conversions

Conversions Part 2

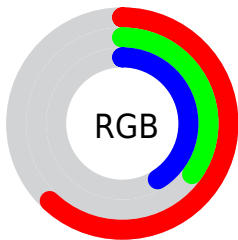
Format	Color
R_{YB}	157, 90, 105
Decimal	10312297
CIE _{Lab}	46.31, 29.34, 3.46
CIE _{LCh}	46, 29.543, 6.734
Yxy	15.5003, 0.3950, 0.3045
Android (android.graphics.Color)	4288502377 (0xFF9D5A69)
YUV	111.7430, -3.3243, 39.6904
Hunter-Lab	39.3704, 22.2647, 4.5232

Details

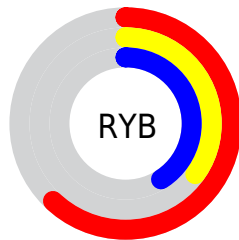
The Yxy color **15.5003, 0.3950, 0.3045** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2333, 0.2667, 0.3560**, and the grayscale version is **16.1271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5962, 0.3749, 0.3106**, and **4.8450, 0.4331, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **12.8932, 0.4258, 0.2994**, and if you desaturate by 10%, it is **18.7041, 0.3691, 0.3103**.

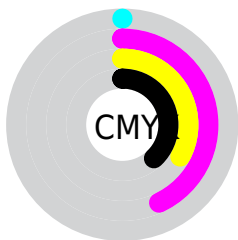
Distribution



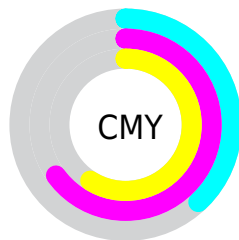
- Red (62%)
- Green (35%)
- Blue (41%)



- Red (62%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (33%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5003, 0.3950, 0.3045 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 15.5003, 0.3950, 0.3045 by changing the saturation by 10% instead.


 15.5003, 0.3950,
0.3045


 15.5003, 0.3950,
0.3045


226.3748, 0.3462,
0.3195


 9.1713, 0.4107,
0.2994


 35.7285, 0.3749,
0.3108


 4.8531, 0.4338,
0.2917

 50.3964, 0.3682,
0.3129

 2.1613, 0.4705,
0.2790

 68.6128, 0.3627,
0.3146

 0.6988, 0.5526,
0.2568

 90.7620, 0.3582,
0.3159

 0.0000, 1.0000,
0.0000

117.2284, 0.3545,
0.3170

 0.0000, 0.0000,
0.0000

148.3964, 0.3513,

0.3180

184.6504, 0.3486,
0.3188

■ 15.5003, 0.3950,
0.3045

■ 15.5003, 0.3950,
0.3045

■ 12.8932, 0.4258,
0.2994

■ 18.7041, 0.3691,
0.3103

■ 10.8436, 0.4613,
0.2957

■ 22.5361, 0.3477,
0.3163

■ 9.3109, 0.5001,
0.2943


■ 27.0283, 0.3302,
0.3221

■ 8.2481, 0.5394,
0.2963

■ 32.2101, 0.3160,
0.3276


■ 7.5998, 0.5752,
0.3019


■ 38.1088, 0.3045,
0.3327

 7.2878, 0.5981,
0.3068

 44.7504, 0.2950,
0.3374

 52.1594, 0.2873,
0.3417

 60.3595, 0.2809,
0.3456

 69.3731, 0.2757,
0.3491

Harmonies

Analogous

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



15.5003, 0.3381, 0.2665



15.5003, 0.3950, 0.3045



15.5003, 0.4282, 0.3497

Triad

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



15.5003, 0.3950, 0.3045



15.5003, 0.3383, 0.4365



15.5003, 0.2094, 0.2518

Complementary

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



15.5003, 0.3950, 0.3045



28.2333, 0.2667, 0.3560

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.



15.5003, 0.2095, 0.2907



15.5003, 0.3950, 0.3045



15.5003, 0.2805, 0.4062

Square

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



15.5003, 0.3950, 0.3045



15.5003, 0.3919, 0.4287



15.5003, 0.2341, 0.3485



15.5003, 0.2333, 0.2362

Rectangle

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



15.5003, 0.3950, 0.3045



15.5003, 0.4308, 0.3802



15.5003, 0.2341, 0.3485



15.5003, 0.2067, 0.2622

Sweetspot

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



15.5011, 0.3950, 0.3045



47.9078, 0.3312, 0.3218



15.4426, 0.2969, 0.2206



10.1562, 0.3345, 0.3206



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.5011, 0.3950, 0.3045



23.3801, 0.4236, 0.2997



18.6027, 0.4068, 0.3588



6.6692, 0.3251, 0.3240



5.9258, 0.5962, 0.3058



0.1116, 0.5010, 0.2533

Inverse Universe

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



15.5011, 0.3950, 0.3045



23.3801, 0.4236, 0.2997



23.1083, 0.2507, 0.2963



6.6692, 0.3251, 0.3240



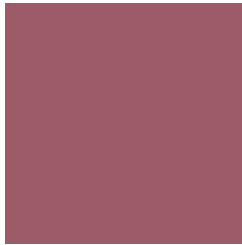
5.9258, 0.5962, 0.3058



0.1116, 0.5010, 0.2533

Previews

White Background



This preview shows how the Yxy color 15.5003, 0.3950, 0.3045 looks on a white background.

Color Contrast Check

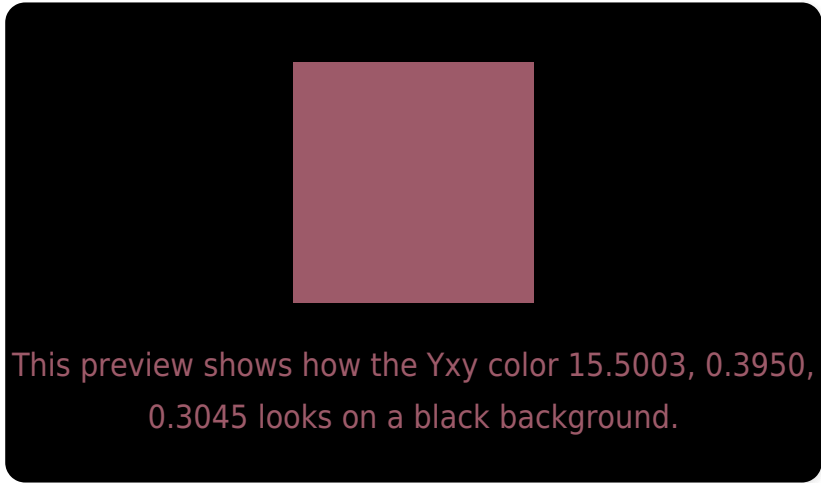
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

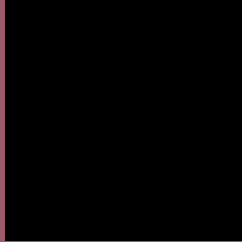
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5003, 0.3950, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 15.5003, 0.3950, 0.3045.



This preview shows how white text looks on a background with the Yxy color 15.5003, 0.3950, 0.3045.

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

15.5003, 0.3950, 0.3045

Protanopia

15.7278, 0.3053, 0.3168

Deuteranopia

15.5525, 0.3437, 0.3370



Tritanopia

15.4319, 0.4046, 0.3176

Trichromacy



Original Color

15.5003, 0.3950, 0.3045

Protanomaly

15.3824, 0.3350, 0.3118

Deuteranomaly

15.3279, 0.3622, 0.3236

Tritanomaly

15.4897, 0.3996, 0.3126

Monochromacy



Original Color

15.5003, 0.3950, 0.3045

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5940, 0.3404, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5003, 0.3950, 0.3045 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(157, 90, 105)` looks like.

```
.text, #text, p{  
  color:rgb(157, 90, 105)  
}
```

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(157, 90, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 90, 105) }
```

Border

The CSS property to change the border of an element to Yxy 15.5003, 0.3950, 0.3045 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(157, 90, 105) }
```

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

```
.border{ border-color:rgb(157, 90, 105) }
```

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

Here you see how a box with a 4 pixel rgb(157, 90, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 90, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 90, 105);  
box-shadow:4px 4px 4px 4px rgb(157, 90,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5003, 0.3950, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 90, 105) }
```

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

```
.background{ background-color: rgb(157, 90,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor