

Converting Colors

$Y_{xy}(14.8900, 0.3854, 0.3358)$

Have a look what the booklet for
Yxy(14.8900, 0.3854, 0.3358)
contains.

Yxy(14.9152, 0.3851, 0.3366)	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(14.9152, 0.3851, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	8C615D
RGB	140, 97, 93
RGB Percent	55%, 38%, 36%
CMY	0.4510, 0.6196, 0.6354
CMYK	0.00, 0.31, 0.34, 0.45
HSL	5°, 20%, 46%
HSV	5°, 34%, 55%
XYZ	17.0643, 14.9152, 12.3318
YIQ	109.4010, 26.9120, 7.8720

Conversions

Conversions Part 2

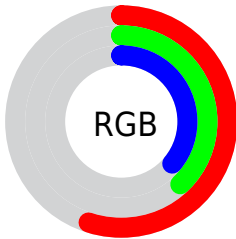
Format	Color
R_{YB}	140, 97, 93
Decimal	9199965
CIE _{Lab}	45.52, 16.90, 9.30
CIE _{LCh}	46, 19.294, 28.817
Yxy	14.9152, 0.3851, 0.3366
Android (android.graphics.Color)	4287390045 (0xFF8C615D)
YUV	109.4010, -8.0857, 26.8353
Hunter-Lab	38.6202, 11.2847, 8.1022

Details

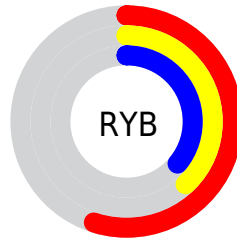
The Yxy color **14.9152, 0.3851, 0.3366** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8194, 0.2656, 0.3212**, and the grayscale version is **15.4307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7651, 0.3676, 0.3359**, and **4.5611, 0.4203, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **12.5121, 0.4174, 0.3389**, and if you desaturate by 10%, it is **17.7469, 0.3583, 0.3342**.

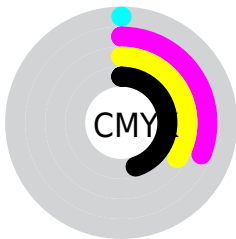
Distribution



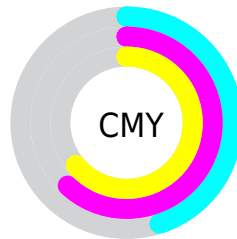
- Red (55%)
- Green (38%)
- Blue (36%)



- Red (55%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (45%)





- Cyan (45%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9152, 0.3851, 0.3366 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 14.9152, 0.3851, 0.3366 by changing the saturation by 10% instead.


 14.9152, 0.3851,
0.3366


 14.9152, 0.3851,
0.3366


222.8524, 0.3417,
0.3330


 8.7599, 0.3994,
0.3372


 34.7043, 0.3671,
0.3355


 4.5849, 0.4205,
0.3375

 49.1070, 0.3611,
0.3350

 2.0058, 0.4548,
0.3366

 67.0275, 0.3563,
0.3345

 0.6109, 0.6157,
0.3751

 88.8503, 0.3523,
0.3341

 0.0000, 0.0000,
0.0000

114.9598, 0.3490,
0.3338

145.7404, 0.3462,

0.3335

181.5765, 0.3438,
0.3333

■ 14.9152, 0.3851,
0.3366

■ 14.9152, 0.3851,
0.3366

■ 12.5121, 0.4174,
0.3389

■ 17.7469, 0.3583,
0.3342

■ 10.5147, 0.4553,
0.3408

■ 21.0245, 0.3362,
0.3319

■ 8.9013, 0.4978,
0.3421


■ 24.7668, 0.3183,
0.3297

■ 7.6471, 0.5421,
0.3421


■ 28.9909, 0.3037,
0.3277


■ 6.7246, 0.5833,
0.3407

■ 33.7132, 0.2917,
0.3259

 6.1020, 0.6153,
0.3377

 38.9492, 0.2818,
0.3243

 5.8374, 0.6315,
0.3368

 44.7136, 0.2736,
0.3228

 51.0208, 0.2668,
0.3214

 57.8845, 0.2611,
0.3202

Harmonies

Analogous

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



14.9152, 0.3583, 0.3054



14.9152, 0.3851, 0.3366



14.9152, 0.3908, 0.3680

Triad

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



14.9152, 0.3851, 0.3366



14.9152, 0.3023, 0.3856



14.9152, 0.2527, 0.2671

Complementary

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



14.9152, 0.3851, 0.3366



21.8194, 0.2656, 0.3212

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.



14.9152, 0.2401, 0.2835



14.9152, 0.3851, 0.3366



14.9152, 0.2673, 0.3528

Square

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



14.9152, 0.3851, 0.3366



14.9152, 0.3415, 0.3999



14.9152, 0.2452, 0.3144



14.9152, 0.2810, 0.2666

Rectangle

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



14.9152, 0.3851, 0.3366



14.9152, 0.3820, 0.3854



14.9152, 0.2452, 0.3144



14.9152, 0.2466, 0.2708

Sweetspot

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



14.9159, 0.3851, 0.3366



39.2005, 0.3298, 0.3312



15.1807, 0.3218, 0.2547



8.8493, 0.3321, 0.3314



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.



14.9159, 0.3851, 0.3366



23.1484, 0.4080, 0.3383



19.8958, 0.3717, 0.3782



5.1130, 0.3278, 0.3309



5.2015, 0.6310, 0.3372



0.0424, 0.5936, 0.3669

Inverse Universe

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



21.8194, 0.2656, 0.3212



37.1682, 0.2569, 0.3193



15.9346, 0.2598, 0.2741



5.6167, 0.2991, 0.3271



15.4181, 0.2174, 0.3027



0.1124, 0.2213, 0.3167

Previews

White Background



This preview shows how the Yxy color 14.9152, 0.3851, 0.3366 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 14.9152, 0.3851, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

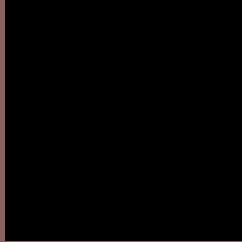
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9152, 0.3851, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 14.9152, 0.3851, 0.3366.

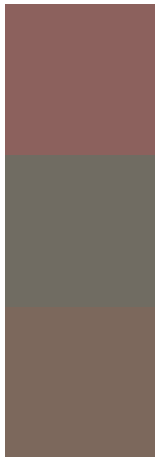


This preview shows how white text looks on a background with the Yxy color 14.9152, 0.3851, 0.3366.

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

14.9152, 0.3851, 0.3366

Protanopia

15.0517, 0.3313, 0.3500

Deuteranopia

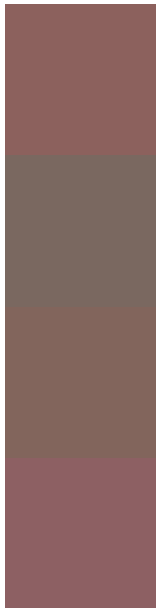
14.9584, 0.3587, 0.3531



Tritanopia

15.0077, 0.3715, 0.3165

Trichromacy



Original Color

14.9152, 0.3851, 0.3366

Protanomaly

14.8827, 0.3499, 0.3452

Deuteranomaly

14.8259, 0.3692, 0.3466

Tritanomaly

14.9293, 0.3777, 0.3237

Monochromacy



Original Color

14.9152, 0.3851, 0.3366

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.0755, 0.3368, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9152, 0.3851, 0.3366 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, 97, 93)` looks like.

```
.text, #text, p{  
    color:rgb(140, 97, 93)  
}
```

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, 97, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 97, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.9152, 0.3851, 0.3366 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, 97, 93) }
```

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

```
.border{ border-color:rgb(140, 97, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 97, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 97, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 97, 93);  
box-shadow:4px 4px 4px 4px rgb(140, 97,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9152, 0.3851, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 97, 93) }
```

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

```
.background{ background-color: rgb(140, 97,  
93) }
```

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