

Converting Colors

$Y_{xy}(15.4358, 0.4068, 0.3113)$

Have a look what the booklet for
Yxy(15.4358, 0.4068, 0.3113)
contains.

Yxy(15.4358, 0.4068, 0.3113)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4358, 0.4068, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	9F5964
RGB	159, 89, 100
RGB Percent	62%, 35%, 39%
CMY	0.3765, 0.6510, 0.6078
CMYK	0.00, 0.44, 0.37, 0.38
HSL	351°, 28%, 49%
HSV	351°, 44%, 62%
XYZ	20.1712, 15.4358, 13.9780
YIQ	111.1840, 38.1890, 18.2610

Conversions

Conversions Part 2

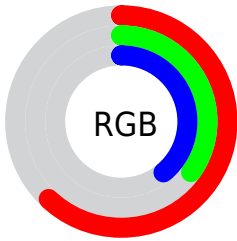
Format	Color
R_{YB}	159, 89, 100
Decimal	10443108
CIE Lab	46.23, 30.03, 6.39
CIE LCh	46, 30.701, 12.018
Yxy	15.4358, 0.4068, 0.3113
Android (android.graphics.Color)	4288633188 (0xFF9F5964)
YUV	111.1840, -5.5137, 41.9346
Hunter-Lab	39.2884, 22.8894, 6.4077

Details

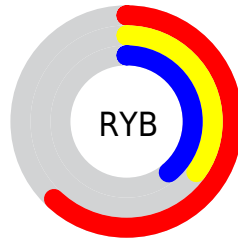
The Yxy color **15.4358, 0.4068, 0.3113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0570, 0.2622, 0.3485**, and the grayscale version is **15.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5895, 0.3839, 0.3157**, and **4.8555, 0.4501, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **12.8314, 0.4414, 0.3080**, and if you desaturate by 10%, it is **18.6559, 0.3776, 0.3153**.

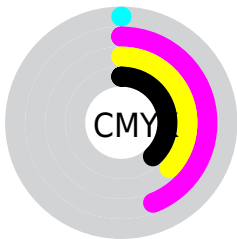
Distribution



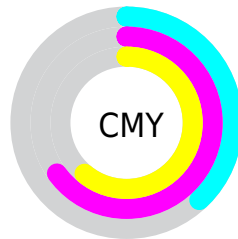
- Red (62%)
- Green (35%)
- Blue (39%)



- Red (62%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (44%)
- Yellow (37%)
- Black (38%)





- Cyan (38%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4358, 0.4068, 0.3113 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 15.4358, 0.4068, 0.3113 by changing the saturation by 10% instead.


 15.4358, 0.4068,
0.3113


 15.4358, 0.4068,
0.3113


225.9891, 0.3509,
0.3228


 9.1258, 0.4249,
0.3070


 35.6159, 0.3838,
0.3163


 4.8233, 0.4514,
0.3004

 50.2548, 0.3760,
0.3179

 2.1440, 0.4935,
0.2887

 68.4388, 0.3697,
0.3192

 0.6892, 0.6041,
0.2749

 90.5523, 0.3646,
0.3202

 0.0000, 1.0000,
0.0000

 116.9797, 0.3603,
0.3210

 0.0000, 0.0000,
0.0000

148.1053, 0.3567,

0.3217

184.3137, 0.3536,
0.3223

■ 15.4358, 0.4068,
0.3113

■ 15.4358, 0.4068,
0.3113

■ 12.8314, 0.4414,
0.3080

■ 18.6559, 0.3776,
0.3153

■ 10.8012, 0.4808,
0.3059

■ 22.5251, 0.3536,
0.3195

■ 9.3022, 0.5230,
0.3058


■ 27.0774, 0.3340,
0.3236


■ 8.2841, 0.5640,
0.3083

■ 32.3434, 0.3182,
0.3275


■ 7.6870, 0.5987,
0.3136

■ 38.3521, 0.3054,
0.3311

 7.4410, 0.6157,
0.3165

 45.1308, 0.2950,
0.3344

 52.7054, 0.2864,
0.3375

 61.1006, 0.2795,
0.3402

 70.3400, 0.2737,
0.3427

Harmonies

Analogous

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



15.4358, 0.3503, 0.2703



15.4358, 0.4068, 0.3113



15.4358, 0.4353, 0.3585

Triad

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



15.4358, 0.4068, 0.3113



15.4358, 0.3282, 0.4386



15.4358, 0.2084, 0.2442

Complementary

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



15.4358, 0.4068, 0.3113



29.0570, 0.2622, 0.3485

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.



15.4358, 0.2039, 0.2801



15.4358, 0.4068, 0.3113



15.4358, 0.2693, 0.4004

Square

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



15.4358, 0.4068, 0.3113



15.4358, 0.3860, 0.4365



15.4358, 0.2248, 0.3377



15.4358, 0.2371, 0.2324

Rectangle

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



15.4358, 0.4068, 0.3113



15.4358, 0.4333, 0.3897



15.4358, 0.2248, 0.3377



15.4358, 0.2041, 0.2534

Sweetspot

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



15.4366, 0.4068, 0.3113



49.1791, 0.3327, 0.3239



15.8823, 0.3023, 0.2190



10.6723, 0.3364, 0.3231



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



15.4366, 0.4068, 0.3113



22.9865, 0.4413, 0.3080



19.7544, 0.4077, 0.3672



6.6623, 0.3261, 0.3255



5.8816, 0.6139, 0.3155



0.1094, 0.5332, 0.2711

Inverse Universe

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



15.4366, 0.4068, 0.3113



22.9865, 0.4413, 0.3080



22.1416, 0.2474, 0.2863



6.6623, 0.3261, 0.3255



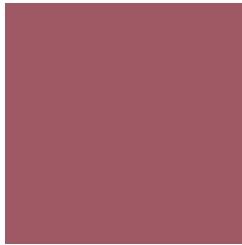
5.8816, 0.6139, 0.3155



0.1094, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 15.4358, 0.4068, 0.3113 looks on a white background.

Color Contrast Check

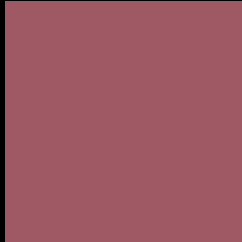
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4358, 0.4068, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

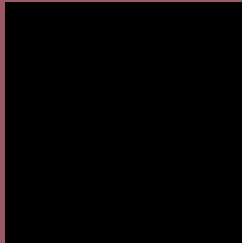
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4358, 0.4068, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 15.4358, 0.4068, 0.3113.



This preview shows how white text looks on a background with the Yxy color 15.4358, 0.4068, 0.3113.

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

15.4358, 0.4068, 0.3113

Protanopia

15.5297, 0.3143, 0.3249

Deuteranopia

15.5311, 0.3522, 0.3469



Tritanopia

15.5278, 0.4129, 0.3195

Trichromacy



Original Color

15.4358, 0.4068, 0.3113

Protanomaly

15.2314, 0.3452, 0.3195

Deuteranomaly

15.3145, 0.3712, 0.3329

Tritanomaly

15.5463, 0.4112, 0.3179

Monochromacy



Original Color

15.4358, 0.4068, 0.3113

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3512, 0.3435, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4358, 0.4068, 0.3113 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(159, 89, 100)` looks like.

```
.text, #text, p{  
    color:rgb(159, 89, 100)  
}
```

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(159, 89, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 89, 100) }
```

Border

The CSS property to change the border of an element to Yxy 15.4358, 0.4068, 0.3113 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(159, 89, 100) }
```

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

```
.border{ border-color:rgb(159, 89, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 89, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 89, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 89, 100); box-shadow:4px 4px 4px 4px rgb(159, 89, 100) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4358, 0.4068, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 89, 100) }
```

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

```
.background{ background-color: rgb(159, 89,  
100) }
```

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