

Converting Colors

$Y_{xy}(15.2533, 0.3640, 0.3119)$

Have a look what the booklet for
Yxy(15.2533, 0.3640, 0.3119)
contains.

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Color

Yxy(15.1864, 0.3633, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	8C616B
RGB	140, 97, 107
RGB Percent	55%, 38%, 42%
CMY	0.4511, 0.6195, 0.5804
CMYK	0.00, 0.31, 0.24, 0.45
HSL	346°, 18%, 46%
HSV	346°, 31%, 55%
XYZ	17.7403, 15.1864, 15.9042
YIQ	110.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

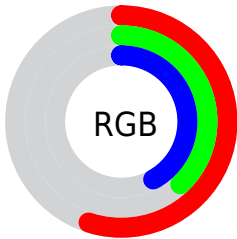
Format	Color
R _Y B	140, 97, 107
Decimal	9199979
CIE Lab	45.89, 18.98, 1.38
CIE LCh	46, 19.033, 4.144
Yxy	15.1864, 0.3633, 0.3110
Android (android.graphics.Color)	4287390059 (0xFF8C616B)
YUV	110.9970, -1.9705, 25.4356
Hunter-Lab	38.9697, 13.0618, 3.0815

Details

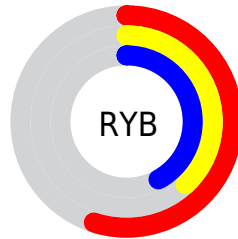
The Yxy color **15.1864, 0.3633, 0.3110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9027, 0.2786, 0.3480**, and the grayscale version is **15.8965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1178, 0.3508, 0.3158**, and **4.7313, 0.3876, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **12.6118, 0.3876, 0.3050**, and if you desaturate by 10%, it is **18.2470, 0.3433, 0.3171**.

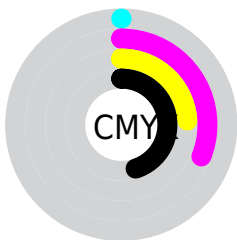
Distribution



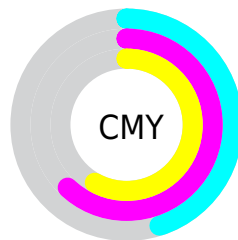
- Red (55%)
- Green (38%)
- Blue (42%)



- Red (55%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (45%)




- Cyan (45%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1864, 0.3633, 0.3110 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 15.1864, 0.3633, 0.3110 by changing the saturation by 10% instead.


 15.1864, 0.3633,
0.3110


 15.1864, 0.3633,
0.3110


224.4917, 0.3333,
0.3218


 8.9503, 0.3731,
0.3074

 35.1798, 0.3509,
0.3155


 4.7088, 0.3875,
0.3021

 49.7060, 0.3467,
0.3170

 2.0774, 0.4109,
0.2932

 67.7643, 0.3434,
0.3182

 0.6519, 0.4665,
0.2748

 89.7391, 0.3406,
0.3192

 0.0000, 1.0000,
0.0000

116.0149, 0.3383,
0.3200

 0.0000, 0.0000,
0.0000

146.9760, 0.3364,

0.3207

183.0068, 0.3347,
0.3213

■ 15.1864, 0.3633,
0.3110

■ 15.1864, 0.3633,
0.3110

■ 12.6118, 0.3876,
0.3050

■ 18.2470, 0.3433,
0.3171

■ 10.4960, 0.4165,
0.2994

■ 21.8148, 0.3269,
0.3231

■ 8.8126, 0.4501,
0.2952


■ 25.9120, 0.3135,
0.3286


■ 7.5312, 0.4874,
0.2930


■ 30.5592, 0.3026,
0.3338

■ 6.6179, 0.5262,
0.2938


■ 35.7757, 0.2937,
0.3385

 6.0328, 0.5630,
0.2984

 41.5799, 0.2864,
0.3429

 5.6803, 0.5932,
0.3042

 47.9894, 0.2803,
0.3468

 55.0211, 0.2753,
0.3504

 62.6911, 0.2711,
0.3537

Harmonies

Analogous

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



15.1864, 0.3265, 0.2850



15.1864, 0.3633, 0.3110



15.1864, 0.3863, 0.3422

Triad

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



15.1864, 0.3633, 0.3110



15.1864, 0.3343, 0.3976



15.1864, 0.2424, 0.2804

Complementary

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



15.1864, 0.3633, 0.3110



22.9027, 0.2786, 0.3480

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.



15.1864, 0.2443, 0.3085



15.1864, 0.3633, 0.3110



15.1864, 0.2958, 0.3798

Square

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



15.1864, 0.3633, 0.3110



15.1864, 0.3683, 0.3936



15.1864, 0.2633, 0.3456



15.1864, 0.2578, 0.2670

Rectangle

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



15.1864, 0.3633, 0.3110



15.1864, 0.3899, 0.3628



15.1864, 0.2633, 0.3456



15.1864, 0.2411, 0.2883

Sweetspot

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



15.1871, 0.3633, 0.3110



39.4993, 0.3247, 0.3239



15.1871, 0.3026, 0.2524



8.8956, 0.3266, 0.3232



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.



15.1871, 0.3633, 0.3110



23.4798, 0.3800, 0.3067



17.2616, 0.3727, 0.3500



5.0664, 0.3246, 0.3239



5.0519, 0.5921, 0.3035



0.0355, 0.4918, 0.2483

Inverse Universe

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



15.1871, 0.3633, 0.3110



23.4798, 0.3800, 0.3067



20.0091, 0.2676, 0.3069



5.0664, 0.3246, 0.3239



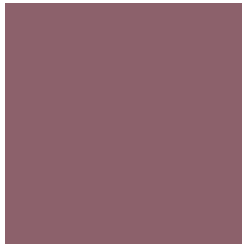
5.0519, 0.5921, 0.3035



0.0355, 0.4918, 0.2483

Previews

White Background



This preview shows how the Yxy color 15.1864, 0.3633, 0.3110 looks on a white background.

Color Contrast Check

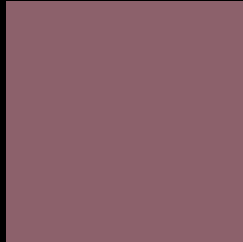
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1864, 0.3633, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

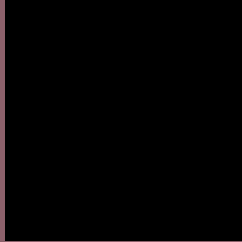
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1864, 0.3633, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 15.1864, 0.3633, 0.3110.



This preview shows how white text looks on a background with the Yxy color 15.1864, 0.3633, 0.3110.

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

15.1864, 0.3633, 0.3110

Protanopia

15.2550, 0.3079, 0.3167

Deuteranopia

15.1880, 0.3355, 0.3291



Tritanopia

15.1448, 0.3664, 0.3146

Trichromacy



Original Color

15.1864, 0.3633, 0.3110

Protanomaly

15.1133, 0.3275, 0.3152

Deuteranomaly

15.1325, 0.3452, 0.3214

Tritanomaly

15.1654, 0.3649, 0.3128

Monochromacy



Original Color

15.1864, 0.3633, 0.3110

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.5714, 0.3299, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1864, 0.3633, 0.3110 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(140, 97, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 97, 107) }
```

Border

The CSS property to change the border of an element to Yxy 15.1864, 0.3633, 0.3110 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, 107) }
```

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

```
.border{ border-color:rgb(140, 97, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 97, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 97, 107);  
box-shadow:4px 4px 4px 4px rgb(140, 97,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1864, 0.3633, 0.3110 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, 107) }
```

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

```
.background{ background-color: rgb(140, 97,  
107) }
```

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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