

Converting Colors

$Y_{xy}(15.6307, 0.3708, 0.3115)$

Have a look what the booklet for
Yxy(15.6307, 0.3708, 0.3115)
contains.

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Color

Yxy(15.6307, 0.3708, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	91616B
RGB	145, 97, 107
RGB Percent	57%, 38%, 42%
CMY	0.4313, 0.6196, 0.5805
CMYK	0.00, 0.33, 0.26, 0.43
HSL	348°, 20%, 47%
HSV	348°, 33%, 57%
XYZ	18.6063, 15.6307, 15.9418
YIQ	112.4920, 25.3980, 13.2860

Conversions

Conversions Part 2

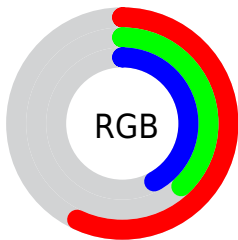
Format	Color
R_{YB}	145, 97, 107
Decimal	9527659
CIE _{Lab}	46.49, 20.98, 2.32
CIE _{LCh}	46, 21.111, 6.318
Yxy	15.6307, 0.3708, 0.3115
Android (android.graphics.Color)	4287717739 (0xFF91616B)
YUV	112.4920, -2.7076, 28.5095
Hunter-Lab	39.5357, 14.8183, 3.7677

Details

The Yxy color **15.6307, 0.3708, 0.3115** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5455, 0.2752, 0.3476**, and the grayscale version is **16.3582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9278, 0.3571, 0.3161**, and **4.9346, 0.3972, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **12.9663, 0.3972, 0.3062**, and if you desaturate by 10%, it is **18.8186, 0.3490, 0.3170**.

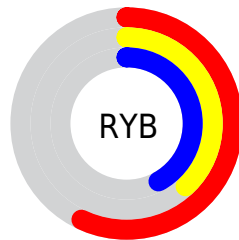
Distribution



Red (57%)

Green (38%)

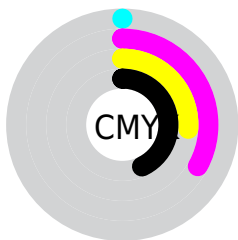
Blue (42%)



Red (57%)

Yellow (38%)

Blue (42%)

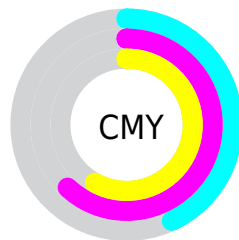


Cyan (0%)

Magenta (33%)

Yellow (26%)

Black (43%)



Cyan (43%)


Magenta (62%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6307, 0.3708, 0.3115 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 15.6307, 0.3708, 0.3115 by changing the saturation by 10% instead.


 15.6307, 0.3708,
0.3115


 15.6307, 0.3708,
0.3115


227.1526, 0.3364,
0.3221


 9.2632, 0.3819,
0.3079


 35.9559, 0.3567,
0.3159


 4.9133, 0.3983,
0.3026

 50.6824, 0.3519,
0.3174

 2.1965, 0.4245,
0.2938

 68.9640, 0.3480,
0.3186

 0.7181, 0.4824,
0.2779

 91.1851, 0.3449,
0.3195

 0.0000, 1.0000,
0.0000

117.7301, 0.3422,
0.3203

 0.0000, 0.0000,
0.0000

148.9834, 0.3400,

0.3210

185.3295, 0.3381,
0.3216

■ 15.6307, 0.3708,
0.3115

■ 15.6307, 0.3708,
0.3115

■ 12.9663, 0.3972,
0.3062

■ 18.8186, 0.3490,
0.3170

■ 10.7951, 0.4286,
0.3015

■ 22.5537, 0.3312,
0.3224

■ 9.0873, 0.4647,
0.2982


■ 26.8607, 0.3166,
0.3275

■ 7.8089, 0.5040,
0.2971


■ 31.7625, 0.3048,
0.3322

■ 6.9211, 0.5437,
0.2990


■ 37.2806, 0.2952,
0.3366

 6.3781, 0.5795,
0.3045

 43.4352, 0.2873,
0.3405

 6.1153, 0.6011,
0.3085

 50.2459, 0.2808,
0.3441

 57.7313, 0.2754,
0.3474

 65.9093, 0.2709,
0.3504

Harmonies

Analogous

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



15.6307, 0.3309, 0.2827



15.6307, 0.3708, 0.3115



15.6307, 0.3946, 0.3455

Triad

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



15.6307, 0.3708, 0.3115



15.6307, 0.3331, 0.4041



15.6307, 0.2366, 0.2740

Complementary

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



15.6307, 0.3708, 0.3115



24.5455, 0.2752, 0.3476

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.



15.6307, 0.2372, 0.3035



15.6307, 0.3708, 0.3115



15.6307, 0.2911, 0.3829

Square

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



15.6307, 0.3708, 0.3115



15.6307, 0.3712, 0.4009



15.6307, 0.2564, 0.3441



15.6307, 0.2545, 0.2609

Rectangle

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



15.6307, 0.3708, 0.3115



15.6307, 0.3973, 0.3679



15.6307, 0.2564, 0.3441



15.6307, 0.2347, 0.2821

Sweetspot

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



15.6314, 0.3708, 0.3115



42.5126, 0.3266, 0.3239



15.7127, 0.3026, 0.2461



9.2510, 0.3286, 0.3233



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.6314, 0.3708, 0.3115



24.2226, 0.3908, 0.3073



18.1663, 0.3787, 0.3532



5.4413, 0.3251, 0.3244



5.2477, 0.5997, 0.3077



0.0529, 0.5030, 0.2545

Inverse Universe

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



15.6314, 0.3708, 0.3115



24.2226, 0.3908, 0.3073



20.9285, 0.2639, 0.3033



5.4413, 0.3251, 0.3244



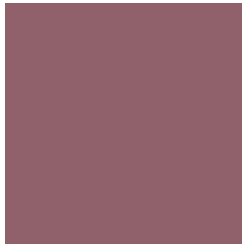
5.2477, 0.5997, 0.3077



0.0529, 0.5030, 0.2545

Previews

White Background



This preview shows how the Yxy color 15.6307, 0.3708, 0.3115 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 15.6307, 0.3708, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

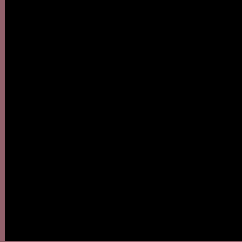
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6307, 0.3708, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 15.6307, 0.3708, 0.3115.



This preview shows how white text looks on a background with the Yxy color 15.6307, 0.3708, 0.3115.

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

15.6307, 0.3708, 0.3115

Protanopia

15.7463, 0.3091, 0.3209

Deuteranopia

15.7463, 0.3379, 0.3330



Tritanopia

15.5891, 0.3739, 0.3150

Trichromacy



Original Color

15.6307, 0.3708, 0.3115

Protanomaly

15.4618, 0.3302, 0.3173

Deuteranomaly

15.5664, 0.3493, 0.3234

Tritanomaly

15.6097, 0.3723, 0.3132

Monochromacy



Original Color

15.6307, 0.3708, 0.3115

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9263, 0.3325, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6307, 0.3708, 0.3115 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(145, 97, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 97, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 107) }
```

Border

The CSS property to change the border of an element to Yxy 15.6307, 0.3708, 0.3115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

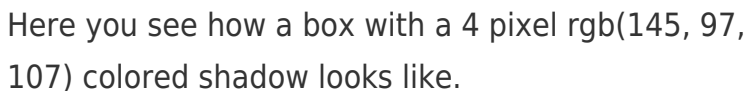
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 97, 107) }
```

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

```
.border{ border-color:rgb(145, 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(145, 97, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 97, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 97, 107); box-shadow:4px 4px 4px 4px rgb(145, 97, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6307, 0.3708, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 107) }
```

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

```
.background{ background-color: rgb(145, 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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