

Converting Colors

$Y_{xy}(15.7315, 0.3609, 0.3669)$

Have a look what the booklet for
Yxy(15.7315, 0.3609, 0.3669)
contains.

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Color

Yxy(15.7315, 0.3609, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	7C6C59
RGB	124, 108, 89
RGB Percent	49%, 42%, 35%
CMY	0.5139, 0.5764, 0.6510
CMYK	0.00, 0.13, 0.28, 0.51
HSL	33°, 16%, 42%
HSV	33°, 28%, 49%
XYZ	15.4742, 15.7315, 11.6711
YIQ	110.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

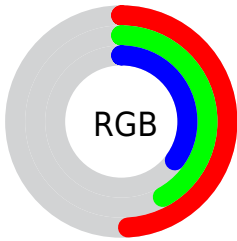
Format	Color
RYB	118, 124, 89
Decimal	8154201
CIELab	46.62, 3.10, 12.96
CIElCh	47, 13.328, 76.529
Yxy	15.7315, 0.3609, 0.3669
Android (android.graphics.Color)	4286344281 (0xFF7C6C59)
YUV	110.6180, -10.6577, 11.7360
Hunter-Lab	39.6630, 0.2304, 10.3176

Details

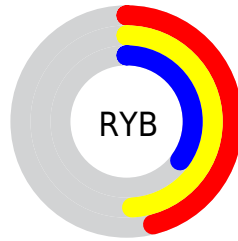
The Yxy color **15.7315, 0.3609, 0.3669** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6707, 0.2695, 0.2878**, and the grayscale version is **15.8074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0075, 0.3494, 0.3575**, and **4.9678, 0.3826, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **14.3866, 0.3818, 0.3809**, and if you desaturate by 10%, it is **17.1903, 0.3420, 0.3530**.

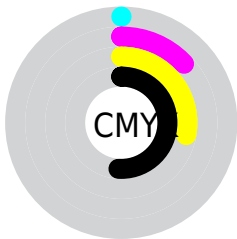
Distribution



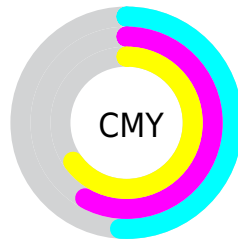
- Red (49%)
- Green (42%)
- Blue (35%)



- Red (46%)
- Yellow (49%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (51%)





- Cyan (51%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7315, 0.3609, 0.3669 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 15.7315, 0.3609, 0.3669 by changing the saturation by 10% instead.


 15.7315, 0.3609,
0.3669


 15.7315, 0.3609,
0.3669


227.7521, 0.3324,
0.3449


 9.3344, 0.3700,
0.3737


 36.1314, 0.3492,
0.3580


 4.9599, 0.3833,
0.3835

 50.9030, 0.3453,
0.3549


 2.2238, 0.4041,
0.3982

 69.2349, 0.3421,
0.3525

 0.7329, 0.5131,
0.4869

 91.5114, 0.3395,
0.3504

 0.0000, 0.0000,
0.0000

 118.1170, 0.3373,
0.3487

149.4361, 0.3354,

0.3472

185.8530, 0.3338,
0.3460

■ 15.7315, 0.3609,
0.3669

■ 15.7315, 0.3609,
0.3669

■ 14.3866, 0.3818,
0.3809

■ 17.1903, 0.3420,
0.3530

■ 13.1503, 0.4044,
0.3944

■ 18.7639, 0.3251,
0.3395

■ 12.0198, 0.4285,
0.4065

■ 20.4559, 0.3102,
0.3268

■ 10.9915, 0.4531,
0.4164

■ 22.2691, 0.2970,
0.3148

■ 10.0614, 0.4772,
0.4228

■ 24.2062, 0.2853,
0.3038

■ 9.2252, 0.4994,
0.4248

■ 26.2698, 0.2751,
0.2936

■ 8.4742, 0.5197,
0.4229

■ 28.4623, 0.2661,
0.2842

■ 8.3471, 0.5234,
0.4226

■ 30.7863, 0.2581,
0.2756

■ 33.2440, 0.2511,
0.2677

Harmonies

Analogous

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



15.7315, 0.3658, 0.3482



15.7315, 0.3609, 0.3669



15.7315, 0.3428, 0.3763

Triad

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



15.7315, 0.3609, 0.3669



15.7315, 0.2713, 0.3301



15.7315, 0.3065, 0.2901

Complementary

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



15.7315, 0.3609, 0.3669



13.6707, 0.2695, 0.2878

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.



15.7315, 0.2820, 0.2846



15.7315, 0.3609, 0.3669



15.7315, 0.2624, 0.3062

Square

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



15.7315, 0.3609, 0.3669



15.7315, 0.2910, 0.3549



15.7315, 0.2663, 0.2900



15.7315, 0.3336, 0.3049

Rectangle

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



15.7315, 0.3609, 0.3669



15.7315, 0.3261, 0.3752



15.7315, 0.2663, 0.2900



15.7315, 0.2977, 0.2871

Sweetspot

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



15.7322, 0.3609, 0.3669



33.0445, 0.3251, 0.3395



12.4532, 0.3440, 0.2966



7.6943, 0.3272, 0.3412



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



15.7322, 0.3609, 0.3669



26.1157, 0.3745, 0.3762



19.3246, 0.3517, 0.3964



4.3425, 0.3265, 0.3406



8.4849, 0.5236, 0.4225



38.7550, 0.5304, 0.4170

Inverse Universe

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



13.6707, 0.2695, 0.2878



21.8444, 0.2590, 0.2765



10.7803, 0.2676, 0.2521



4.1668, 0.2994, 0.3171



4.4052, 0.1748, 0.1492



19.3536, 0.1723, 0.1401

Previews

White Background



This preview shows how the Yxy color 15.7315, 0.3609, 0.3669 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 15.7315, 0.3609, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

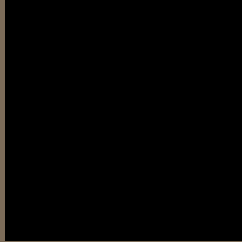
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7315, 0.3609, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 15.7315, 0.3609, 0.3669.



This preview shows how white text looks on a background with the Yxy color 15.7315, 0.3609, 0.3669.

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

15.7315, 0.3609, 0.3669

Protanopia

15.6720, 0.3485, 0.3701

Deuteranopia

15.6965, 0.3694, 0.3621



Tritanopia

15.8074, 0.3332, 0.3138

Trichromacy



Original Color

15.7315, 0.3609, 0.3669

Protanomaly

15.6685, 0.3533, 0.3675

Deuteranomaly

15.7487, 0.3659, 0.3644

Tritanomaly

15.7432, 0.3439, 0.3330

Monochromacy



Original Color

15.7315, 0.3609, 0.3669

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8441, 0.3299, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7315, 0.3609, 0.3669 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(124, 108, 89)` looks like.

```
.text, #text, p{  
    color:rgb(124, 108, 89)  
}
```

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(124, 108, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 108, 89) }
```

Border

The CSS property to change the border of an element to Yxy 15.7315, 0.3609, 0.3669 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(124, 108, 89) }
```

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

```
.border{ border-color:rgb(124, 108, 89) }
```

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

Here you see how a box with a 4 pixel rgb(124, 108, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 108, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 108, 89);  
box-shadow:4px 4px 4px 4px rgb(124, 108,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7315, 0.3609, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 108, 89) }
```

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

```
.background{ background-color: rgb(124,  
108, 89) }
```

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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