

Converting Colors

$Y_{xy}(15.7948, 0.3644, 0.3699)$

Have a look what the booklet for
Yxy(15.7948, 0.3644, 0.3699)
contains.

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Color

Yxy(15.7732, 0.3652, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	7D6C57
RGB	125, 108, 87
RGB Percent	49%, 42%, 34%
CMY	0.5097, 0.5765, 0.6588
CMYK	0.00, 0.14, 0.30, 0.51
HSL	33°, 18%, 42%
HSV	33°, 30%, 49%
XYZ	15.5434, 15.7732, 11.2447
YIQ	110.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

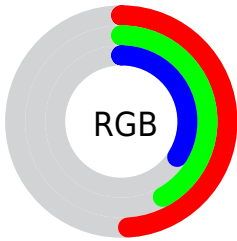
Format	Color
RYB	118, 125, 87
Decimal	8219735
CIELab	46.68, 3.27, 14.23
CIElCh	47, 14.599, 77.047
Yxy	15.7732, 0.3652, 0.3706
Android (android.graphics.Color)	4286409815 (0xFF7D6C57)
YUV	110.6890, -11.6787, 12.5507
Hunter-Lab	39.7155, 0.3571, 11.0140

Details

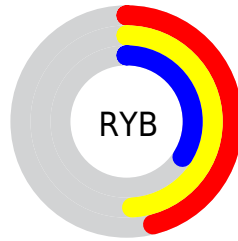
The Yxy color **15.7732, 0.3652, 0.3706** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4177, 0.2659, 0.2834**, and the grayscale version is **15.8336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0674, 0.3523, 0.3603**, and **5.0005, 0.3872, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **14.4431, 0.3864, 0.3847**, and if you desaturate by 10%, it is **17.2161, 0.3459, 0.3564**.

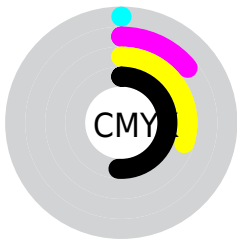
Distribution



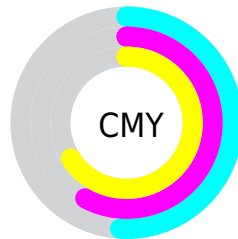
- Red (49%)
- Green (42%)
- Blue (34%)



- Red (46%)
- Yellow (49%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (51%)





- Cyan (51%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7732, 0.3652, 0.3706 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 15.7732, 0.3652, 0.3706 by changing the saturation by 10% instead.

 15.7732, 0.3652,
0.3706


 15.7732, 0.3652,
0.3706


227.9997, 0.3342,
0.3465


 9.3638, 0.3751,
0.3780


 36.2040, 0.3525,
0.3609


 4.9792, 0.3894,
0.3886

 50.9942, 0.3482,
0.3575


 2.2351, 0.4118,
0.4044

 69.3468, 0.3448,
0.3548

 0.7390, 0.5142,
0.4858

 91.6463, 0.3419,
0.3525

 0.0000, 0.0000,
0.0000

 118.2768, 0.3395,
0.3507

149.6230, 0.3375,

0.3490

186.0692, 0.3357,
0.3477

■ 15.7732, 0.3652,
0.3706

■ 15.7732, 0.3652,
0.3706

■ 14.4431, 0.3864,
0.3847

■ 17.2161, 0.3459,
0.3564

■ 13.2203, 0.4092,
0.3982

■ 18.7727, 0.3287,
0.3426

■ 12.1023, 0.4332,
0.4101

■ 20.4466, 0.3133,
0.3295

■ 11.0851, 0.4575,
0.4194

■ 22.2407, 0.2997,
0.3172

■ 10.1650, 0.4809,
0.4251

■ 24.1576, 0.2877,
0.3058

■ 9.3372, 0.5022,
0.4262

■ 26.1999, 0.2772,
0.2952

■ 8.6190, 0.5213,
0.4243

■ 28.3701, 0.2679,
0.2855

■ 30.6707, 0.2596,
0.2766

■ 33.1039, 0.2524,
0.2684

Harmonies

Analogous

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



15.7732, 0.3709, 0.3501



15.7732, 0.3652, 0.3706



15.7732, 0.3451, 0.3809

Triad

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



15.7732, 0.3652, 0.3706



15.7732, 0.2672, 0.3296



15.7732, 0.3063, 0.2869

Complementary

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



15.7732, 0.3652, 0.3706



13.4177, 0.2659, 0.2834

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.



15.7732, 0.2796, 0.2806



15.7732, 0.3652, 0.3706



15.7732, 0.2578, 0.3036

Square

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



15.7732, 0.3652, 0.3706



15.7732, 0.2885, 0.3570



15.7732, 0.2622, 0.2862



15.7732, 0.3360, 0.3031

Rectangle

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



15.7732, 0.3652, 0.3706



15.7732, 0.3268, 0.3797



15.7732, 0.2622, 0.2862



15.7732, 0.2967, 0.2835

Sweetspot

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



15.7739, 0.3652, 0.3706



33.9472, 0.3267, 0.3410



12.1822, 0.3482, 0.2951



7.6411, 0.3287, 0.3427



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.



15.7739, 0.3652, 0.3706



26.6723, 0.3787, 0.3798



19.5820, 0.3540, 0.4020



4.7069, 0.3266, 0.3409



8.9777, 0.5215, 0.4241



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4177, 0.2659, 0.2834



21.7929, 0.2555, 0.2719



10.4193, 0.2643, 0.2453



4.5043, 0.2993, 0.3168



4.4842, 0.1740, 0.1463



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.7732, 0.3652, 0.3706 looks on a white background.

Color Contrast Check

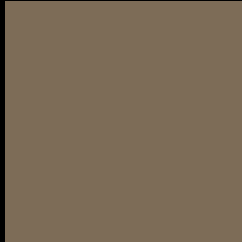
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7732, 0.3652, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

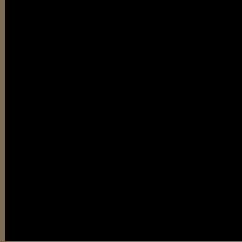
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7732, 0.3652, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 15.7732, 0.3652, 0.3706.

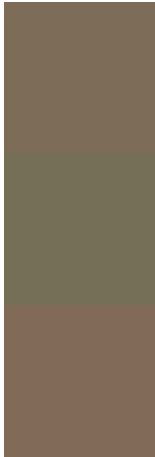


This preview shows how white text looks on a background with the Yxy color 15.7732, 0.3652, 0.3706.

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

15.7732, 0.3652, 0.3706

Protanopia

15.9250, 0.3521, 0.3759

Deuteranopia

15.6633, 0.3722, 0.3660



Tritanopia

15.6821, 0.3348, 0.3119

Trichromacy



Original Color

15.7732, 0.3652, 0.3706

Protanomaly

15.9214, 0.3569, 0.3733

Deuteranomaly

15.7927, 0.3702, 0.3681

Tritanomaly

15.6147, 0.3456, 0.3310

Monochromacy



Original Color

15.7732, 0.3652, 0.3706

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8242, 0.3312, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7732, 0.3652, 0.3706 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(125, 108, 87)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 87)  
}
```

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(125, 108, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 87) }
```

Border

The CSS property to change the border of an element to Yxy 15.7732, 0.3652, 0.3706 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(125, 108, 87) }
```

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

```
.border{ border-color:rgb(125, 108, 87) }
```

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

Here you see how a box with a 4 pixel rgb(125, 108, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 87);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7732, 0.3652, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 87) }
```

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

```
.background{ background-color: rgb(125,  
108, 87) }
```

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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