

Converting Colors

$Y_{xy}(15.3731, 0.3577, 0.3571)$

Have a look what the booklet for
Yxy(15.3731, 0.3577, 0.3571)
contains.

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Color

Yxy(15.3659, 0.3577, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	7C6A5C
RGB	124, 106, 92
RGB Percent	49%, 42%, 36%
CMY	0.5138, 0.5843, 0.6392
CMYK	0.00, 0.14, 0.26, 0.51
HSL	26°, 15%, 42%
HSV	26°, 26%, 49%
XYZ	15.3960, 15.3659, 12.2798
YIQ	109.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

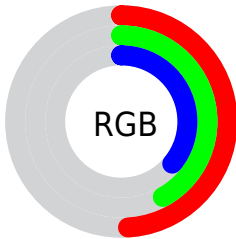
Format	Color
RYB	124, 117, 92
Decimal	8153692
CIELab	46.13, 4.75, 10.49
CIELCh	46, 11.520, 65.641
Yxy	15.3659, 0.3577, 0.3570
Android (android.graphics.Color)	4286343772 (0xFF7C6A5C)
YUV	109.7860, -8.7685, 12.4657
Hunter-Lab	39.1994, 1.5092, 8.8660

Details

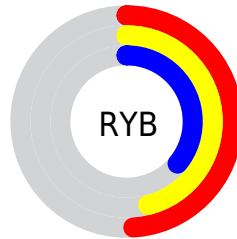
The Yxy color **15.3659, 0.3577, 0.3570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8762, 0.2740, 0.2992**, and the grayscale version is **15.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4140, 0.3470, 0.3504**, and **4.8210, 0.3805, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **13.7889, 0.3797, 0.3685**, and if you desaturate by 10%, it is **17.0965, 0.3384, 0.3457**.

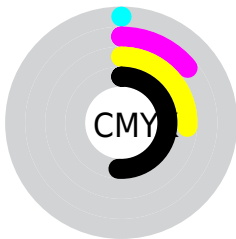
Distribution



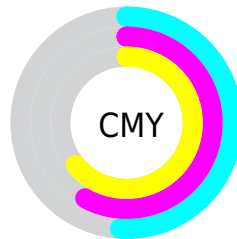
- Red (49%)
- Green (42%)
- Blue (36%)



- Red (49%)
- Yellow (46%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (51%)





- Cyan (51%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3659, 0.3577, 0.3570 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 15.3659, 0.3577, 0.3570 by changing the saturation by 10% instead.


 15.3659, 0.3577,
0.3570


 15.3659, 0.3577,
0.3570


225.5704, 0.3310,
0.3408


 9.0766, 0.3664,
0.3620


 35.4938, 0.3467,
0.3504


 4.7912, 0.3791,
0.3692


 50.1012, 0.3430,
0.3482

 2.1253, 0.3996,
0.3800

 68.2501, 0.3400,
0.3464

 0.6788, 0.5266,
0.4696

 90.3248, 0.3375,
0.3449

 0.0000, 0.0000,
0.0000

116.7098, 0.3355,
0.3436

147.7895, 0.3338,

0.3425

183.9482, 0.3323,
0.3416

■ 15.3659, 0.3577,
0.3570

■ 15.3659, 0.3577,
0.3570

■ 13.7889, 0.3797,
0.3685

■ 17.0965, 0.3384,
0.3457

■ 12.3588, 0.4043,
0.3796

■ 18.9829, 0.3215,
0.3350

■ 11.0718, 0.4313,
0.3898

■ 21.0299, 0.3068,
0.3248

■ 9.9227, 0.4600,
0.3980

■ 23.2414, 0.2941,
0.3154

■ 8.9061, 0.4892,
0.4031

■ 25.6211, 0.2830,
0.3067

■ 8.0163, 0.5172,
0.4041

■ 28.1727, 0.2735,
0.2987

■ 7.2451, 0.5425,
0.4005

■ 30.8997, 0.2651,
0.2914

■ 6.9509, 0.5533,
0.3988

■ 33.8056, 0.2578,
0.2847

■ 36.8937, 0.2514,
0.2786

Harmonies

Analogous

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



15.3659, 0.3571, 0.3389



15.3659, 0.3577, 0.3570



15.3659, 0.3458, 0.3685

Triad

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



15.3659, 0.3577, 0.3570



15.3659, 0.2819, 0.3381



15.3659, 0.2990, 0.2921

Complementary

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



15.3659, 0.3577, 0.3570



14.8762, 0.2740, 0.2992

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.



15.3659, 0.2798, 0.2907



15.3659, 0.3577, 0.3570



15.3659, 0.2703, 0.3164

Square

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



15.3659, 0.3577, 0.3570



15.3659, 0.3018, 0.3580



15.3659, 0.2695, 0.2992



15.3659, 0.3226, 0.3024

Rectangle

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



15.3659, 0.3577, 0.3570



15.3659, 0.3327, 0.3703



15.3659, 0.2695, 0.2992



15.3659, 0.2919, 0.2906

Sweetspot

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



15.3666, 0.3577, 0.3570



32.5952, 0.3253, 0.3375



13.0668, 0.3358, 0.2933



7.5726, 0.3274, 0.3389



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.



15.3666, 0.3577, 0.3570



25.3682, 0.3704, 0.3638



18.9386, 0.3507, 0.3865



4.2771, 0.3267, 0.3384



7.0633, 0.5535, 0.3987



32.0577, 0.5619, 0.3920

Inverse Universe

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



14.8762, 0.2740, 0.2992



24.3480, 0.2650, 0.2913



11.7593, 0.2710, 0.2641



4.2323, 0.2994, 0.3194



5.8869, 0.1844, 0.1840



26.3632, 0.1822, 0.1760

Previews

White Background



This preview shows how the Yxy color 15.3659, 0.3577, 0.3570 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 15.3659, 0.3577, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

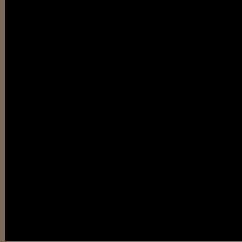
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3659, 0.3577, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 15.3659, 0.3577, 0.3570.



This preview shows how white text looks on a background with the Yxy color 15.3659, 0.3577, 0.3570.

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

15.3659, 0.3577, 0.3570

Protanopia

15.3903, 0.3406, 0.3601

Deuteranopia

15.3115, 0.3612, 0.3548



Tritanopia

15.2838, 0.3349, 0.3136

Trichromacy



Original Color

15.3659, 0.3577, 0.3570

Protanomaly

15.3670, 0.3467, 0.3597

Deuteranomaly

15.2358, 0.3597, 0.3549

Tritanomaly

15.2601, 0.3430, 0.3291

Monochromacy



Original Color

15.3659, 0.3577, 0.3570

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.5614, 0.3287, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3659, 0.3577, 0.3570 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, 106, 92)` looks like.

```
.text, #text, p{  
    color:rgb(124, 106, 92)  
}
```

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, 106, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 106, 92) }
```

Border

The CSS property to change the border of an element to Yxy 15.3659, 0.3577, 0.3570 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, 106, 92) }
```

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

```
.border{ border-color:rgb(124, 106, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 106, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 106, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 106, 92);  
box-shadow:4px 4px 4px 4px rgb(124, 106,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3659, 0.3577, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 106, 92) }
```

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

```
.background{ background-color: rgb(124,  
106, 92) }
```

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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