

Converting Colors

$Y_{xy}(11.5131, 0.3779, 0.3430)$

Have a look what the booklet for
Yxy(11.5131, 0.3779, 0.3430)
contains.

Yxy(11.5666, 0.3782, 0.3439)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5666, 0.3782, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	785851
RGB	120, 88, 81
RGB Percent	47%, 35%, 32%
CMY	0.5294, 0.6549, 0.6823
CMYK	0.00, 0.27, 0.32, 0.53
HSL	11°, 19%, 39%
HSV	11°, 32%, 47%
XYZ	12.7202, 11.5666, 9.3468
YIQ	96.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

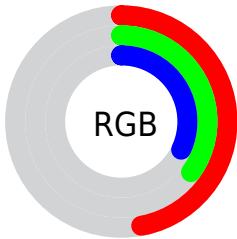
Format	Color
R_{YB}	120, 90, 81
Decimal	7886929
CIE _{Lab}	40.52, 12.14, 9.22
CIE _{LCh}	41, 15.243, 37.220
Yxy	11.5666, 0.3782, 0.3439
Android (android.graphics.Color)	4286077009 (0xFF785851)
YUV	96.7700, -7.7746, 20.3727
Hunter-Lab	34.0097, 7.2452, 7.5123

Details

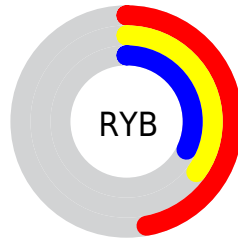
The Yxy color **11.5666, 0.3782, 0.3439** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9138, 0.2667, 0.3135**, and the grayscale version is **11.9104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6729, 0.3610, 0.3410**, and **3.0854, 0.4159, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **9.8941, 0.4072, 0.3486**, and if you desaturate by 10%, it is **13.4903, 0.3538, 0.3391**.

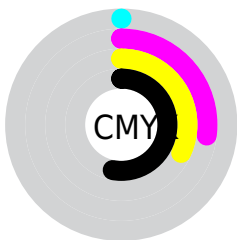
Distribution



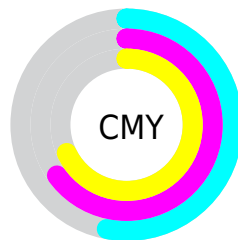
- Red (47%)
- Green (35%)
- Blue (32%)



- Red (47%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (53%)





- Cyan (53%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5666, 0.3782, 0.3439 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 11.5666, 0.3782, 0.3439 by changing the saturation by 10% instead.


 11.5666, 0.3782,
0.3439

 11.5666, 0.3782,
0.3439


201.5146, 0.3377,
0.3355

 6.4493, 0.3925,
0.3462


 28.7033, 0.3609,
0.3407


 3.1202, 0.4146,
0.3491

 41.4914, 0.3552,
0.3395

 1.1948, 0.4581,
0.3561

 57.6053, 0.3508,
0.3385

 0.0574, 0.8593,
0.1407

 77.4293, 0.3472,
0.3377

 0.0000, 0.0000,
0.0000

 101.3478, 0.3442,
0.3371

129.7453, 0.3417,

0.3365

163.0061, 0.3395,
0.3360

■ 11.5666, 0.3782,
0.3439

■ 11.5666, 0.3782,
0.3439

■ 9.8941, 0.4072,
0.3486

■ 13.4903, 0.3538,
0.3391

■ 8.4608, 0.4408,
0.3529

■ 15.6733, 0.3334,
0.3344

■ 7.2562, 0.4787,
0.3560

■ 18.1254, 0.3165,
0.3300

■ 6.2682, 0.5190,
0.3574

■ 20.8554, 0.3024,
0.3260

■ 5.4838, 0.5585,
0.3561

■ 23.8716, 0.2907,
0.3223

■ 4.8883, 0.5927,
0.3520

■ 27.1821, 0.2808,
0.3189

■ 4.5497, 0.6158,
0.3492

■ 30.7946, 0.2726,
0.3158

■ 34.7164, 0.2656,
0.3130

■ 38.9547, 0.2596,
0.3105

Harmonies

Analogous

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



11.5666, 0.3598, 0.3160



11.5666, 0.3782, 0.3439



11.5666, 0.3777, 0.3699

Triad

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



11.5666, 0.3782, 0.3439



11.5666, 0.2948, 0.3706



11.5666, 0.2665, 0.2739

Complementary

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



11.5666, 0.3782, 0.3439



14.9138, 0.2667, 0.3135

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.



11.5666, 0.2513, 0.2846



11.5666, 0.3782, 0.3439



11.5666, 0.2669, 0.3403

Square

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



11.5666, 0.3782, 0.3439



11.5666, 0.3285, 0.3880



11.5666, 0.2514, 0.3083



11.5666, 0.2942, 0.2769

Rectangle

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



11.5666, 0.3782, 0.3439



11.5666, 0.3670, 0.3827



11.5666, 0.2514, 0.3083



11.5666, 0.2598, 0.2759

Sweetspot

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



11.5671, 0.3782, 0.3439



28.4980, 0.3293, 0.3334



11.0813, 0.3264, 0.2641



6.6417, 0.3314, 0.3339



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.5671, 0.3782, 0.3439



18.1104, 0.3993, 0.3475



15.1018, 0.3665, 0.3821



4.1208, 0.3273, 0.3329



4.9471, 0.6165, 0.3487



22.6827, 0.6238, 0.3429

Inverse Universe

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



14.9138, 0.2667, 0.3135



24.9570, 0.2571, 0.3093



11.1106, 0.2615, 0.2694



4.3959, 0.2994, 0.3251



11.0822, 0.2091, 0.2726



51.7341, 0.2082, 0.2694

Previews

White Background



This preview shows how the Yxy color 11.5666, 0.3782, 0.3439 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 11.5666, 0.3782, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

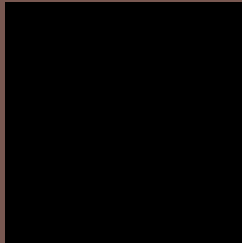
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5666, 0.3782, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 11.5666, 0.3782, 0.3439.

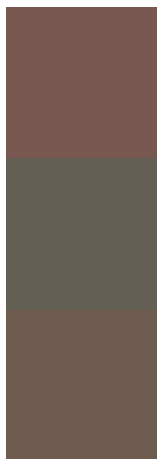


This preview shows how white text looks on a background with the Yxy color 11.5666, 0.3782, 0.3439.

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

11.5666, 0.3782, 0.3439

Protanopia

11.5496, 0.3352, 0.3523

Deuteranopia

11.5485, 0.3607, 0.3558



Tritanopia

11.5108, 0.3605, 0.3147

Trichromacy



Original Color

11.5666, 0.3782, 0.3439

Protanomaly

11.4202, 0.3493, 0.3471

Deuteranomaly

11.6388, 0.3679, 0.3531

Tritanomaly

11.6026, 0.3669, 0.3250

Monochromacy



Original Color

11.5666, 0.3782, 0.3439

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7640, 0.3345, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5666, 0.3782, 0.3439 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(120, 88, 81)` looks like.

```
.text, #text, p{  
    color:rgb(120, 88, 81)  
}
```

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(120, 88, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 88, 81) }
```

Border

The CSS property to change the border of an element to Yxy 11.5666, 0.3782, 0.3439 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(120, 88, 81) }
```

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

```
.border{ border-color:rgb(120, 88, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 88, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 88, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 88, 81);  
box-shadow:4px 4px 4px 4px rgb(120, 88,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5666, 0.3782, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 88, 81) }
```

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

```
.background{ background-color: rgb(120, 88,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor