

Converting Colors

$Y_{xy}(13.4742, 0.3750, 0.3448)$

Have a look what the booklet for
Yxy(13.4742, 0.3750, 0.3448)
contains.

Yxy(13.3846, 0.3756, 0.3451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.3846, 0.3756, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	7F5F57
RGB	127, 95, 87
RGB Percent	50%, 37%, 34%
CMY	0.5019, 0.6275, 0.6588
CMYK	0.00, 0.25, 0.32, 0.50
HSL	12°, 19%, 42%
HSV	12°, 32%, 50%
XYZ	14.5675, 13.3846, 10.8326
YIQ	103.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

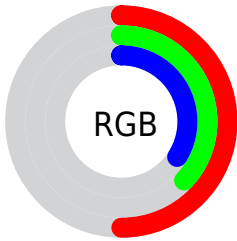
Format	Color
R_{YB}	127, 97, 87
Decimal	8347479
CIE Lab	43.34, 11.82, 9.63
CIE LCh	43, 15.245, 39.187
Yxy	13.3846, 0.3756, 0.3451
Android (android.graphics.Color)	4286537559 (0xFF7F5F57)
YUV	103.6560, -8.2114, 20.4727
Hunter-Lab	36.5850, 7.0521, 8.0541




Details

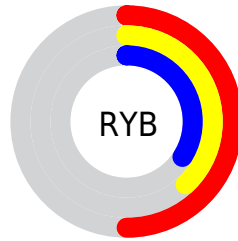
The Yxy color **13.3846, 0.3756, 0.3451** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7603, 0.2675, 0.3122**, and the grayscale version is **13.7654, 0.3127, 0.3290**.




A 20% lighter version of the original color is **32.1877, 0.3596, 0.3419**, and **3.9416, 0.4076, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **11.4822, 0.4039, 0.3504**, and if you desaturate by 10%, it is **15.5638, 0.3517, 0.3397**.

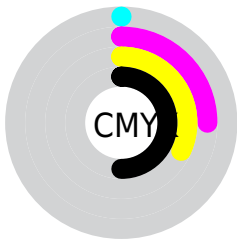
Distribution







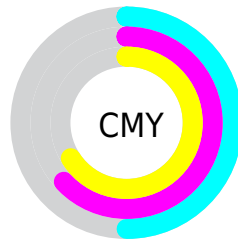
-  Red (50%)
-  Green (37%)
-  Blue (34%)






-  Red (50%)
-  Yellow (38%)
-  Blue (34%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (32%)
-  Black (50%)





-  Cyan (50%)
-  Magenta (63%)
-  Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.3846, 0.3756, 0.3451 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 13.3846, 0.3756, 0.3451 by changing the saturation by 10% instead.


 13.3846, 0.3756,
0.3451

 13.3846, 0.3756,
0.3451


213.3680, 0.3374,
0.3361


 7.6939, 0.3885,
0.3476


 31.9930, 0.3596,
0.3416


 3.8997, 0.4080,
0.3508

 45.6796, 0.3542,
0.3404


 1.6176, 0.4406,
0.3546

 62.8002, 0.3500,
0.3394

 0.3694, 0.6339,
0.3661

 83.7392, 0.3466,
0.3385

 0.0000, 0.0000,
0.0000

 108.8811, 0.3437,
0.3378

138.6103, 0.3413,

0.3372

173.3112, 0.3392,
0.3366

■ 13.3846, 0.3756,
0.3451

■ 13.3846, 0.3756,
0.3451

■ 11.4822, 0.4039,
0.3504

■ 15.5638, 0.3517,
0.3397

■ 9.8437, 0.4369,
0.3552

■ 18.0285, 0.3316,
0.3346

■ 8.4577, 0.4740,
0.3589


■ 20.7890, 0.3150,
0.3297

■ 7.3116, 0.5136,
0.3607


■ 23.8550, 0.3011,
0.3252

■ 6.3914, 0.5529,
0.3597

■ 27.2354, 0.2895,
0.3211

 5.6815, 0.5874,
0.3555

 30.9387, 0.2797,
0.3173

 5.2249, 0.6130,
0.3515

 34.9735, 0.2715,
0.3139

 39.3475, 0.2645,
0.3108

 44.0686, 0.2586,
0.3080

Harmonies

Analogous

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



13.3846, 0.3592, 0.3183



13.3846, 0.3756, 0.3451



13.3846, 0.3740, 0.3695

Triad

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



13.3846, 0.3756, 0.3451



13.3846, 0.2937, 0.3669



13.3846, 0.2700, 0.2761

Complementary

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



13.3846, 0.3756, 0.3451



16.7603, 0.2675, 0.3122

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.



13.3846, 0.2546, 0.2856



13.3846, 0.3756, 0.3451



13.3846, 0.2676, 0.3377

Square

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



13.3846, 0.3756, 0.3451



13.3846, 0.3257, 0.3845



13.3846, 0.2537, 0.3076



13.3846, 0.2972, 0.2799

Rectangle

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



13.3846, 0.3756, 0.3451



13.3846, 0.3632, 0.3811



13.3846, 0.2537, 0.3076



13.3846, 0.2634, 0.2778

Sweetspot

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



13.3852, 0.3756, 0.3451



33.3580, 0.3276, 0.3334



12.6789, 0.3270, 0.2669



7.6700, 0.3298, 0.3340



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



13.3852, 0.3756, 0.3451



21.3944, 0.3961, 0.3490



17.3157, 0.3647, 0.3819



4.4727, 0.3274, 0.3334



5.2657, 0.6130, 0.3515



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7603, 0.2675, 0.3122



28.4525, 0.2578, 0.3076



12.6113, 0.2627, 0.2696



4.7456, 0.2993, 0.3246



11.0557, 0.2072, 0.2657



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.3846, 0.3756, 0.3451 looks on a white background.

Color Contrast Check

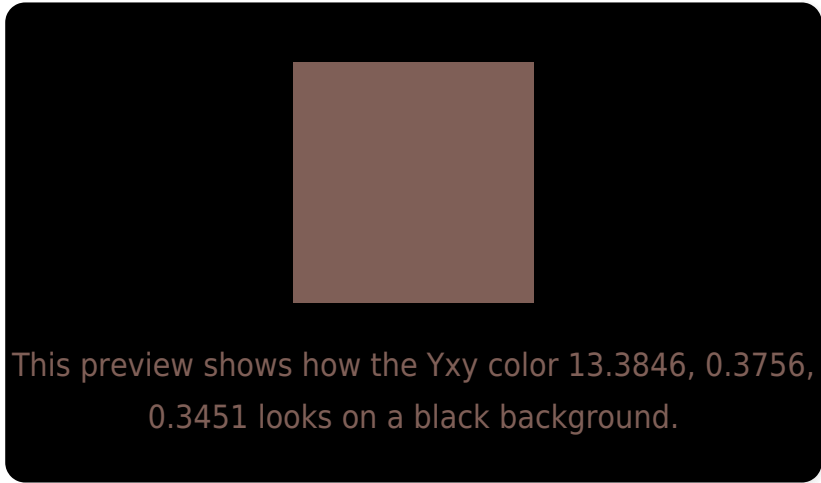
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

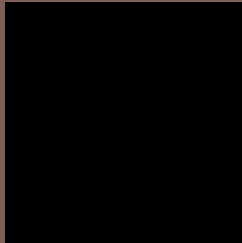
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.3846, 0.3756, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 13.3846, 0.3756, 0.3451.



This preview shows how white text looks on a background with the Yxy color 13.3846, 0.3756, 0.3451.

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

13.3846, 0.3756, 0.3451

Protanopia

13.3839, 0.3352, 0.3532

Deuteranopia

13.4471, 0.3607, 0.3563



Tritanopia

13.3380, 0.3575, 0.3154

Trichromacy



Original Color

13.3846, 0.3756, 0.3451

Protanomaly

13.2393, 0.3485, 0.3483

Deuteranomaly

13.4722, 0.3659, 0.3538

Tritanomaly

13.4208, 0.3650, 0.3272

Monochromacy



Original Color

13.3846, 0.3756, 0.3451

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.6339, 0.3331, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.3846, 0.3756, 0.3451 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(127, 95, 87)` looks like.

```
.text, #text, p{  
    color:rgb(127, 95, 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(127, 95, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 95, 87) }
```

Border

The CSS property to change the border of an element to Yxy 13.3846, 0.3756, 0.3451 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(127, 95, 87) }
```

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

```
.border{ border-color:rgb(127, 95, 87) }
```

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

Here you see how a box with a 4 pixel rgb(127, 95, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 95, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 95, 87);  
box-shadow:4px 4px 4px 4px rgb(127, 95,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 13.3846, 0.3756, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 95, 87) }
```

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

```
.background{ background-color: rgb(127, 95,  
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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