

Converting Colors

$Y_{xy}(10.4886, 0.3868, 0.3434)$

Have a look what the booklet for
Yxy(10.4886, 0.3868, 0.3434)
contains.

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Color

Yxy(10.5599, 0.3869, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	76534C
RGB	118, 83, 76
RGB Percent	46%, 33%, 30%
CMY	0.5372, 0.6745, 0.7020
CMYK	0.00, 0.30, 0.36, 0.54
HSL	10°, 22%, 38%
HSV	10°, 36%, 46%
XYZ	11.8699, 10.5599, 8.2497
YIQ	92.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

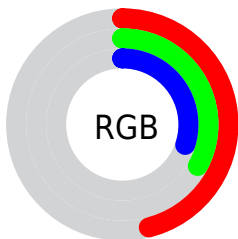
Format	Color
R _Y B	118, 84, 76
Decimal	7754572
CIE Lab	38.83, 13.59, 9.90
CIE LCh	39, 16.816, 36.080
Yxy	10.5599, 0.3869, 0.3442
Android (android.graphics.Color)	4285944652 (0xFF76534C)
YUV	92.6670, -8.2168, 22.2170
Hunter-Lab	32.4960, 8.3333, 7.6953

Details

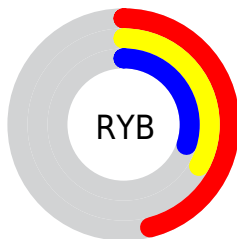
The Yxy color **10.5599, 0.3869, 0.3442** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2156, 0.2629, 0.3131**, and the grayscale version is **10.8806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9137, 0.3662, 0.3412**, and **2.7195, 0.4294, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **9.0114, 0.4175, 0.3485**, and if you desaturate by 10%, it is **12.3530, 0.3610, 0.3397**.

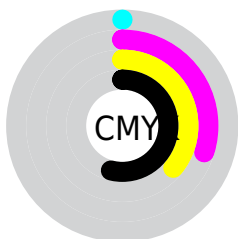
Distribution



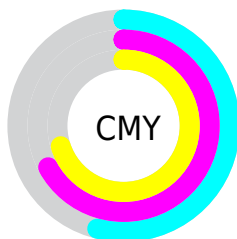
- Red (46%)
- Green (33%)
- Blue (30%)



- Red (46%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (54%)





- Cyan (54%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5599, 0.3869, 0.3442 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 10.5599, 0.3869, 0.3442 by changing the saturation by 10% instead.


 10.5599, 0.3869,
0.3442


 10.5599, 0.3869,
0.3442


194.6228, 0.3404,
0.3358

 5.7717, 0.4037,
0.3464

 26.8434, 0.3668,
0.3410


 2.7068, 0.4300,
0.3488

 39.1076, 0.3604,
0.3398


 0.9806, 0.4966,
0.3650

 54.6325, 0.3553,
0.3388

 0.0000, 1.0000,
0.0000

 73.8026, 0.3512,
0.3380

 0.0000, 0.0000,
0.0000

 97.0023, 0.3478,
0.3373

124.6160, 0.3449,

0.3367

157.0280, 0.3425,
0.3362

■ 10.5599, 0.3869,
0.3442

■ 10.5599, 0.3869,
0.3442

■ 9.0114, 0.4175,
0.3485

■ 12.3530, 0.3610,
0.3397

■ 7.6955, 0.4529,
0.3522

■ 14.3992, 0.3394,
0.3354

■ 6.6012, 0.4922,
0.3546

■ 16.7084, 0.3214,
0.3312

■ 5.7162, 0.5330,
0.3551

■ 19.2894, 0.3065,
0.3273

■ 5.0269, 0.5717,
0.3530

■ 22.1507, 0.2941,
0.3238

■ 4.5166, 0.6043,
0.3487

■ 25.3005, 0.2838,
0.3206

■ 4.3408, 0.6179,
0.3476

■ 28.7466, 0.2751,
0.3176

■ 32.4963, 0.2678,
0.3150

■ 36.5570, 0.2616,
0.3125

Harmonies

Analogous

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



10.5599, 0.3652, 0.3130



10.5599, 0.3869, 0.3442



10.5599, 0.3870, 0.3739

Triad

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



10.5599, 0.3869, 0.3442



10.5599, 0.2935, 0.3778



10.5599, 0.2594, 0.2669

Complementary

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



10.5599, 0.3869, 0.3442



14.2156, 0.2629, 0.3131

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.



10.5599, 0.2431, 0.2792



10.5599, 0.3869, 0.3442



10.5599, 0.2617, 0.3431

Square

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



10.5599, 0.3869, 0.3442



10.5599, 0.3318, 0.3969



10.5599, 0.2438, 0.3064



10.5599, 0.2902, 0.2700

Rectangle

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



10.5599, 0.3869, 0.3442



10.5599, 0.3752, 0.3891



10.5599, 0.2438, 0.3064



10.5599, 0.2522, 0.2692

Sweetspot

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



10.5604, 0.3869, 0.3442



27.0126, 0.3312, 0.3335



10.1843, 0.3268, 0.2567



6.1169, 0.3330, 0.3340



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.5604, 0.3869, 0.3442



16.2316, 0.4125, 0.3479



14.1355, 0.3728, 0.3858



3.7905, 0.3272, 0.3326



4.6812, 0.6185, 0.3471



21.9362, 0.6257, 0.3414

Inverse Universe

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



14.2156, 0.2629, 0.3131



23.6933, 0.2525, 0.3087



10.2761, 0.2566, 0.2646



4.0564, 0.2995, 0.3254



10.9185, 0.2103, 0.2770



52.1333, 0.2094, 0.2739

Previews

White Background



This preview shows how the Yxy color 10.5599, 0.3869, 0.3442 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 10.5599, 0.3869, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

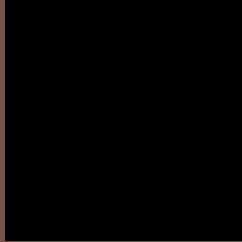
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5599, 0.3869, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 10.5599, 0.3869, 0.3442.

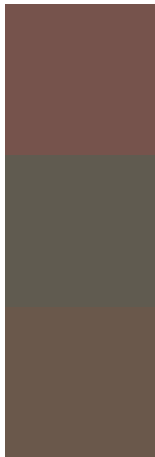


This preview shows how white text looks on a background with the Yxy color 10.5599, 0.3869, 0.3442.

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

10.5599, 0.3869, 0.3442

Protanopia

10.5482, 0.3376, 0.3557

Deuteranopia

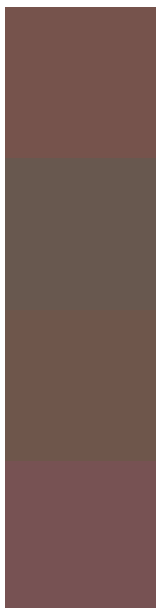
10.5516, 0.3643, 0.3591



Tritanopia

10.4949, 0.3700, 0.3165

Trichromacy



Original Color

10.5599, 0.3869, 0.3442

Protanomaly

10.4870, 0.3541, 0.3500

Deuteranomaly

10.4786, 0.3725, 0.3539

Tritanomaly

10.5811, 0.3767, 0.3271

Monochromacy



Original Color

10.5599, 0.3869, 0.3442

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.6577, 0.3373, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5599, 0.3869, 0.3442 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(118, 83, 76)` looks like.

```
.text, #text, p{  
    color:rgb(118, 83, 76)  
}
```

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(118, 83, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 83, 76) }
```

Border

The CSS property to change the border of an element to Yxy 10.5599, 0.3869, 0.3442 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(118, 83, 76) }
```

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

```
.border{ border-color:rgb(118, 83, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 83, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 83, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 83, 76);  
box-shadow:4px 4px 4px 4px rgb(118, 83,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5599, 0.3869, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 83, 76) }
```

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

```
.background{ background-color: rgb(118, 83,  
76) }
```

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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