

Converting Colors

$Y_{xy}(10.9020, 0.3974, 0.3457)$

Have a look what the booklet for
Yxy(10.9020, 0.3974, 0.3457)
contains.

Yxy(10.9055, 0.3973, 0.3458)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.9055, 0.3973, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	7B534B
RGB	123, 83, 75
RGB Percent	48%, 33%, 29%
CMY	0.5177, 0.6745, 0.7059
CMYK	0.00, 0.32, 0.39, 0.52
HSL	10°, 24%, 39%
HSV	10°, 39%, 48%
XYZ	12.5297, 10.9055, 8.1019
YIQ	94.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

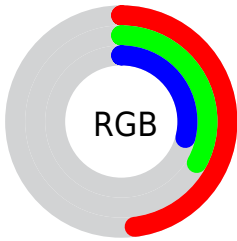
Format	Color
R_{YB}	123, 85, 75
Decimal	8082251
CIE _{Lab}	39.42, 15.59, 11.43
CIE _{LCh}	39, 19.330, 36.257
Yxy	10.9055, 0.3973, 0.3458
Android (android.graphics.Color)	4286272331 (0xFF7B534B)
YUV	94.0480, -9.3907, 25.3909
Hunter-Lab	33.0235, 9.9348, 8.5704

Details

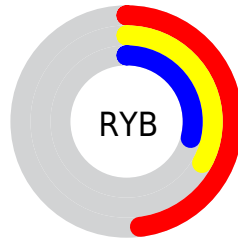
The Yxy color **10.9055, 0.3973, 0.3458** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1807, 0.2584, 0.3112**, and the grayscale version is **11.2236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5774, 0.3745, 0.3424**, and **2.8629, 0.4442, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **9.2997, 0.4298, 0.3500**, and if you desaturate by 10%, it is **12.7766, 0.3696, 0.3413**.

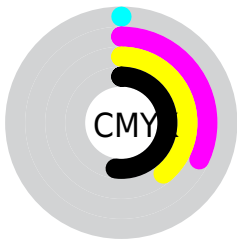
Distribution



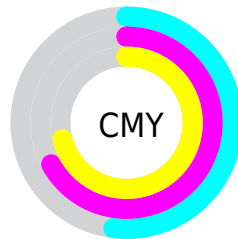
- Red (48%)
- Green (33%)
- Blue (29%)



- Red (48%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (52%)




- Cyan (52%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9055, 0.3973, 0.3458 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 10.9055, 0.3973, 0.3458 by changing the saturation by 10% instead.


 10.9055, 0.3973,
0.3458


 10.9055, 0.3973,
0.3458


197.0181, 0.3445,
0.3367


 6.0033, 0.4161,
0.3479


 27.4853, 0.3746,
0.3425

 2.8471, 0.4453,
0.3500

 39.9317, 0.3673,
0.3412

 1.0524, 0.5177,
0.3655

 55.6616, 0.3615,
0.3401

 0.0000, 1.0000,
0.0000

 75.0595, 0.3568,
0.3392

 0.0000, 0.0000,
0.0000

 98.5097, 0.3529,
0.3385

126.3966, 0.3497,

0.3378

159.1046, 0.3469,
0.3372

■ 10.9055, 0.3973,
0.3458

■ 10.9055, 0.3973,
0.3458

■ 9.2997, 0.4298,
0.3500

■ 12.7766, 0.3696,
0.3413

■ 7.9457, 0.4669,
0.3533

■ 14.9228, 0.3465,
0.3369

■ 6.8310, 0.5073,
0.3551


■ 17.3550, 0.3272,
0.3326

■ 5.9414, 0.5480,
0.3547


■ 20.0834, 0.3113,
0.3286


■ 5.2615, 0.5848,
0.3516

■ 23.1174, 0.2980,
0.3249


 4.7686, 0.6155,
0.3473

 26.4662, 0.2870,
0.3216

 4.7287, 0.6185,
0.3471

 30.1385, 0.2778,
0.3185

 34.1427, 0.2700,
0.3158

 38.4868, 0.2635,
0.3133

Harmonies

Analogous

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



10.9055, 0.3726, 0.3108



10.9055, 0.3973, 0.3458



10.9055, 0.3971, 0.3794

Triad

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



10.9055, 0.3973, 0.3458



10.9055, 0.2904, 0.3849



10.9055, 0.2526, 0.2589

Complementary

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



10.9055, 0.3973, 0.3458



15.1807, 0.2584, 0.3112

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.



10.9055, 0.2343, 0.2722



10.9055, 0.3973, 0.3458



10.9055, 0.2547, 0.3446

Square

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



10.9055, 0.3973, 0.3458



10.9055, 0.3337, 0.4067



10.9055, 0.2349, 0.3026



10.9055, 0.2873, 0.2627

Rectangle

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



10.9055, 0.3973, 0.3458



10.9055, 0.3833, 0.3970



10.9055, 0.2349, 0.3026



10.9055, 0.2445, 0.2614

Sweetspot

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



10.9060, 0.3973, 0.3458



29.6006, 0.3331, 0.3340



10.4797, 0.3298, 0.2509



6.8658, 0.3350, 0.3344



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.



10.9060, 0.3973, 0.3458



16.8873, 0.4268, 0.3496



15.2305, 0.3792, 0.3931



4.1133, 0.3273, 0.3326



4.8873, 0.6187, 0.3469



22.4455, 0.6257, 0.3414

Inverse Universe

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



15.1807, 0.2584, 0.3112



25.6933, 0.2475, 0.3063



10.4071, 0.2502, 0.2549



4.4040, 0.2994, 0.3253



11.3987, 0.2102, 0.2768



53.3031, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 10.9055, 0.3973, 0.3458 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 10.9055, 0.3973, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

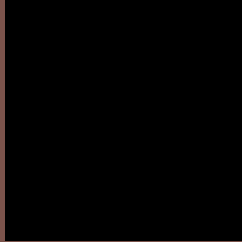
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9055, 0.3973, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 10.9055, 0.3973, 0.3458.

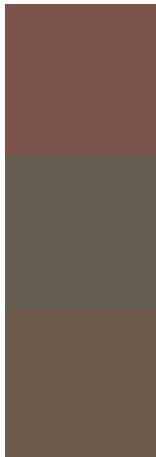


This preview shows how white text looks on a background with the Yxy color 10.9055, 0.3973, 0.3458.

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

10.9055, 0.3973, 0.3458

Protanopia

11.0046, 0.3402, 0.3600

Deuteranopia

10.8904, 0.3705, 0.3630



Tritanopia

10.8581, 0.3787, 0.3169

Trichromacy



Original Color

10.9055, 0.3973, 0.3458

Protanomaly

10.8206, 0.3605, 0.3542

Deuteranomaly

10.8882, 0.3805, 0.3577

Tritanomaly

10.9442, 0.3854, 0.3272

Monochromacy



Original Color

10.9055, 0.3973, 0.3458

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.0037, 0.3420, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9055, 0.3973, 0.3458 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(123, 83, 75)` looks like.

```
.text, #text, p{  
    color:rgb(123, 83, 75)  
}
```

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(123, 83, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 83, 75) }
```

Border

The CSS property to change the border of an element to Yxy 10.9055, 0.3973, 0.3458 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(123, 83, 75) }
```

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

```
.border{ border-color:rgb(123, 83, 75) }
```

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

Here you see how a box with a 4 pixel rgb(123, 83, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 83, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 83, 75);  
box-shadow:4px 4px 4px 4px rgb(123, 83,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9055, 0.3973, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 83, 75) }
```

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

```
.background{ background-color: rgb(123, 83,  
75) }
```

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