

Converting Colors

$Y_{xy}(12.9952, 0.3779, 0.3643)$

Have a look what the booklet for
Yxy(12.9952, 0.3779, 0.3643)
contains.

Yxy(12.9952, 0.3779, 0.3643)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(12.9952, 0.3779, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	79604F
RGB	121, 96, 79
RGB Percent	47%, 38%, 31%
CMY	0.5255, 0.6235, 0.6902
CMYK	0.00, 0.21, 0.35, 0.53
HSL	24°, 21%, 39%
HSV	24°, 35%, 47%
XYZ	13.4803, 12.9952, 9.1962
YIQ	101.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

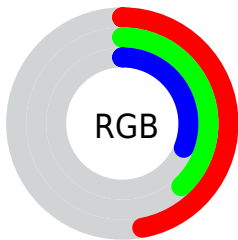
Format	Color
R_{YB}	121, 108, 79
Decimal	7954511
CIE Lab	42.76, 7.49, 13.55
CIE LCh	43, 15.486, 61.071
Yxy	12.9952, 0.3779, 0.3643
Android (android.graphics.Color)	4286144591 (0xFF79604F)
YUV	101.5370, -11.1107, 17.0691
Hunter-Lab	36.0489, 3.6639, 10.1092

Details

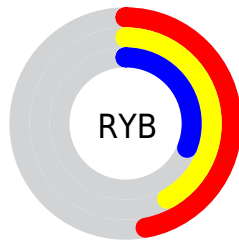
The Yxy color **12.9952, 0.3779, 0.3643** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.9471, 0.2610, 0.2906**, and the grayscale version is **13.1862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4246, 0.3611, 0.3570**, and **3.7363, 0.4116, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **11.5802, 0.4029, 0.3747**, and if you desaturate by 10%, it is **14.5640, 0.3558, 0.3537**.

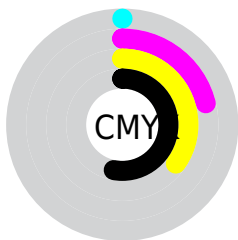
Distribution



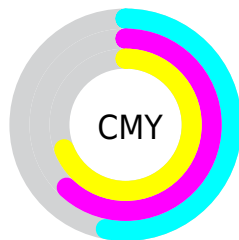
- Red (47%)
- Green (38%)
- Blue (31%)



- Red (47%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (53%)





- Cyan (53%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.9952, 0.3779, 0.3643 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 12.9952, 0.3779, 0.3643 by changing the saturation by 10% instead.


 12.9952, 0.3779,
0.3643


 12.9952, 0.3779,
0.3643


210.8869, 0.3383,
0.3437


 7.4252, 0.3913,
0.3706


 31.2952, 0.3613,
0.3560


 3.7294, 0.4113,
0.3794

 44.7940, 0.3557,
0.3531


 1.5234, 0.4496,
0.3967

 61.7045, 0.3514,
0.3508

 0.3051, 0.6078,
0.3922

 82.4111, 0.3478,
0.3489

 0.0000, 0.0000,
0.0000

 107.2983, 0.3448,
0.3473

136.7504, 0.3423,

0.3459

171.1518, 0.3401,
0.3447

■ 12.9952, 0.3779,
0.3643

■ 12.9952, 0.3779,
0.3643

■ 11.5802, 0.4029,
0.3747

■ 14.5640, 0.3558,
0.3537

■ 10.3123, 0.4306,
0.3842

■ 16.2895, 0.3365,
0.3433

■ 9.1868, 0.4604,
0.3919

■ 18.1769, 0.3198,
0.3334

■ 8.1980, 0.4911,
0.3968

■ 20.2303, 0.3053,
0.3242

■ 7.3398, 0.5209,
0.3976

■ 22.4540, 0.2929,
0.3156

■ 6.6047, 0.5479,
0.3940

■ 24.8519, 0.2821,
0.3077

■ 6.2585, 0.5623,
0.3917

■ 27.4279, 0.2728,
0.3004

■ 30.1856, 0.2647,
0.2938

■ 33.1287, 0.2577,
0.2877

Harmonies

Analogous

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



12.9952, 0.3744, 0.3380



12.9952, 0.3779, 0.3643



12.9952, 0.3630, 0.3833

Triad

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



12.9952, 0.3779, 0.3643



12.9952, 0.2727, 0.3466



12.9952, 0.2883, 0.2764

Complementary

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



12.9952, 0.3779, 0.3643



12.9471, 0.2610, 0.2906

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.



12.9952, 0.2633, 0.2761



12.9952, 0.3779, 0.3643



12.9952, 0.2546, 0.3148

Square

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



12.9952, 0.3779, 0.3643



12.9952, 0.3018, 0.3744



12.9952, 0.2514, 0.2894



12.9952, 0.3212, 0.2890

Rectangle

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



12.9952, 0.3779, 0.3643



12.9952, 0.3453, 0.3883



12.9952, 0.2514, 0.2894



12.9952, 0.2788, 0.2748

Sweetspot

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



12.9958, 0.3779, 0.3643



30.6367, 0.3287, 0.3389



10.6622, 0.3438, 0.2779



6.9192, 0.3307, 0.3400



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.



12.9958, 0.3779, 0.3643



21.1364, 0.3985, 0.3730



17.3081, 0.3648, 0.4038



4.2566, 0.3268, 0.3377



6.6848, 0.5628, 0.3913



30.3086, 0.5716, 0.3844

Inverse Universe

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



12.9471, 0.2610, 0.2906



21.0278, 0.2488, 0.2796



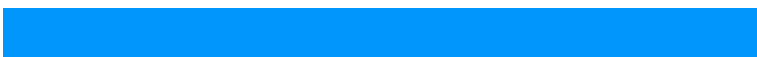
9.2615, 0.2548, 0.2411



4.2532, 0.2994, 0.3201



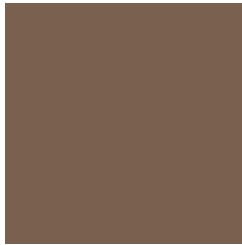
6.4304, 0.1876, 0.1954



28.9706, 0.1856, 0.1880

Previews

White Background



This preview shows how the Yxy color 12.9952, 0.3779, 0.3643 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 12.9952, 0.3779, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

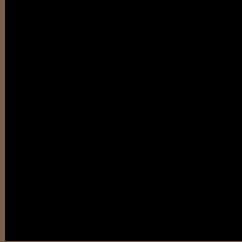
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.9952, 0.3779, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 12.9952, 0.3779, 0.3643.



This preview shows how white text looks on a background with the Yxy color 12.9952, 0.3779, 0.3643.

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

12.9952, 0.3779, 0.3643

Protanopia

13.0272, 0.3498, 0.3734

Deuteranopia

12.9655, 0.3724, 0.3670



Tritanopia

12.9598, 0.3496, 0.3150

Trichromacy



Original Color

12.9952, 0.3779, 0.3643

Protanomaly

12.9476, 0.3601, 0.3703

Deuteranomaly

13.0358, 0.3740, 0.3668

Tritanomaly

12.9157, 0.3602, 0.3332

Monochromacy



Original Color

12.9952, 0.3779, 0.3643

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.1737, 0.3346, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.9952, 0.3779, 0.3643 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(121, 96, 79)` looks like.

```
.text, #text, p{  
    color:rgb(121, 96, 79)  
}
```

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(121, 96, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 96, 79) }
```

Border

The CSS property to change the border of an element to Yxy 12.9952, 0.3779, 0.3643 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(121, 96, 79) }
```

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

```
.border{ border-color:rgb(121, 96, 79) }
```

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

Here you see how a box with a 4 pixel rgb(121, 96, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 96, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 96, 79);  
box-shadow:4px 4px 4px 4px rgb(121, 96,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 12.9952, 0.3779, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 96, 79) }
```

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

```
.background{ background-color: rgb(121, 96,  
79) }
```

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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