

Converting Colors

$Y_{xy}(10.0506, 0.3781, 0.3495)$

Have a look what the booklet for
Yxy(10.0506, 0.3781, 0.3495)
contains.

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Color

Yxy(10.0604, 0.3781, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	6F534A
RGB	111, 83, 74
RGB Percent	44%, 33%, 29%
CMY	0.5646, 0.6745, 0.7098
CMYK	0.00, 0.25, 0.33, 0.56
HSL	15°, 20%, 36%
HSV	15°, 33%, 44%
XYZ	10.8868, 10.0604, 7.8462
YIQ	90.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

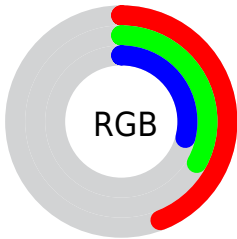
Format	Color
R _Y B	111, 86, 74
Decimal	7295818
CIE Lab	37.95, 10.28, 9.79
CIE LCh	38, 14.195, 43.613
Yxy	10.0604, 0.3781, 0.3494
Android (android.graphics.Color)	4285485898 (0xFF6F534A)
YUV	90.3460, -8.0586, 18.1136
Hunter-Lab	31.7181, 5.7607, 7.5360

Details

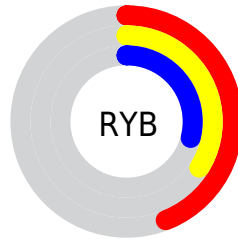
The Yxy color **10.0604, 0.3781, 0.3494** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.1118, 0.2652, 0.3075**, and the grayscale version is **10.3218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.9916, 0.3590, 0.3448**, and **2.5041, 0.4177, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **8.7152, 0.4057, 0.3557**, and if you desaturate by 10%, it is **11.5889, 0.3545, 0.3430**.

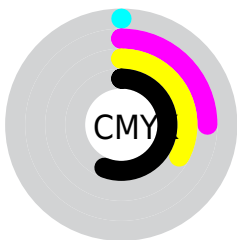
Distribution



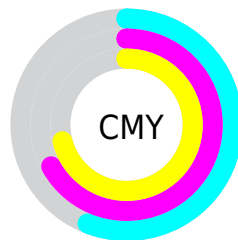
- Red (44%)
- Green (33%)
- Blue (29%)



- Red (44%)
- Yellow (34%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (56%)





- Cyan (56%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0604, 0.3781, 0.3494 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 10.0604, 0.3781, 0.3494 by changing the saturation by 10% instead.


 10.0604, 0.3781,
0.3494


 10.0604, 0.3781,
0.3494


191.1026, 0.3369,
0.3374


 5.4390, 0.3932,
0.3530

 25.9090, 0.3602,
0.3446


 2.5071, 0.4170,
0.3579

 37.9051, 0.3545,
0.3429


 0.8802, 0.4908,
0.3884

 53.1282, 0.3500,
0.3416

 0.0000, 1.0000,
0.0000

 71.9627, 0.3464,
0.3404

 0.0000, 0.0000,
0.0000

 94.7930, 0.3434,
0.3395

122.0034, 0.3409,

0.3387

153.9785, 0.3388,
0.3380

■ 10.0604, 0.3781,
0.3494

■ 10.0604, 0.3781,
0.3494

■ 8.7152, 0.4057,
0.3557

■ 11.5889, 0.3545,
0.3430

■ 7.5450, 0.4374,
0.3614

■ 13.3058, 0.3345,
0.3368

■ 6.5428, 0.4728,
0.3658


■ 15.2179, 0.3177,
0.3309


■ 5.7007, 0.5102,
0.3681


■ 17.3311, 0.3036,
0.3254


■ 5.0100, 0.5472,
0.3673

■ 19.6511, 0.2917,
0.3204


 4.4609, 0.5803,
0.3630

 22.1833, 0.2816,
0.3158

 4.1636, 0.6017,
0.3605

 24.9330, 0.2730,
0.3116

 27.9052, 0.2657,
0.3077

 31.1050, 0.2594,
0.3042

Harmonies

Analogous

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



10.0604, 0.3638, 0.3220



10.0604, 0.3781, 0.3494



10.0604, 0.3736, 0.3735

Triad

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



10.0604, 0.3781, 0.3494



10.0604, 0.2887, 0.3640



10.0604, 0.2725, 0.2747

Complementary

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



10.0604, 0.3781, 0.3494



12.1118, 0.2652, 0.3075

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.



10.0604, 0.2547, 0.2823



10.0604, 0.3781, 0.3494



10.0604, 0.2636, 0.3332

Square

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



10.0604, 0.3781, 0.3494



10.0604, 0.3211, 0.3844



10.0604, 0.2515, 0.3030



10.0604, 0.3016, 0.2804

Rectangle

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



10.0604, 0.3781, 0.3494



10.0604, 0.3610, 0.3842



10.0604, 0.2515, 0.3030



10.0604, 0.2651, 0.2757

Sweetspot

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



10.0609, 0.3781, 0.3494



24.8314, 0.3290, 0.3349



9.2452, 0.3309, 0.2678



5.8784, 0.3310, 0.3356



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.0609, 0.3781, 0.3494



16.1159, 0.3991, 0.3543



13.2116, 0.3661, 0.3881



3.5211, 0.3269, 0.3342



4.8670, 0.6031, 0.3594



23.0799, 0.6120, 0.3522

Inverse Universe

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



12.1118, 0.2652, 0.3075



20.3843, 0.2550, 0.3017



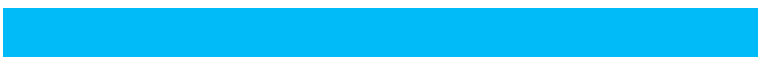
8.9246, 0.2598, 0.2619



3.6846, 0.2996, 0.3238



8.7885, 0.2032, 0.2516



42.3845, 0.2019, 0.2469

Previews

White Background



This preview shows how the Yxy color 10.0604, 0.3781, 0.3494 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 10.0604, 0.3781, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

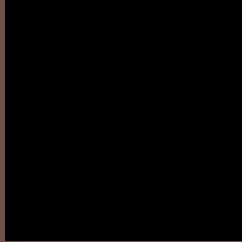
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0604, 0.3781, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 10.0604, 0.3781, 0.3494.



This preview shows how white text looks on a background with the Yxy color 10.0604, 0.3781, 0.3494.

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

10.0604, 0.3781, 0.3494

Protanopia

10.0603, 0.3397, 0.3587

Deuteranopia

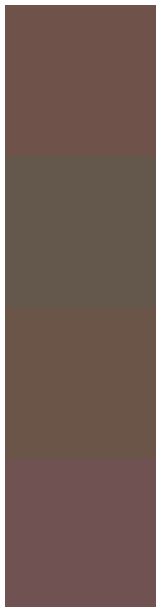
10.0797, 0.3653, 0.3596



Tritanopia

10.0177, 0.3577, 0.3159

Trichromacy



Original Color

10.0604, 0.3781, 0.3494

Protanomaly

10.0475, 0.3526, 0.3554

Deuteranomaly

10.1038, 0.3713, 0.3568

Tritanomaly

10.0885, 0.3662, 0.3292

Monochromacy



Original Color

10.0604, 0.3781, 0.3494

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0532, 0.3360, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0604, 0.3781, 0.3494 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(111, 83, 74)` looks like.

```
.text, #text, p{  
    color:rgb(111, 83, 74)  
}
```

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(111, 83, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 83, 74) }
```

Border

The CSS property to change the border of an element to Yxy 10.0604, 0.3781, 0.3494 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(111, 83, 74) }
```

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

```
.border{ border-color:rgb(111, 83, 74) }
```

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

Here you see how a box with a 4 pixel rgb(111, 83, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 83, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 83, 74);  
box-shadow:4px 4px 4px 4px rgb(111, 83,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0604, 0.3781, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 83, 74) }
```

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

```
.background{ background-color: rgb(111, 83,  
74) }
```

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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