

Converting Colors

$Y_{xy}(19.0834, 0.3923, 0.3544)$

Have a look what the booklet for
Yxy(19.0834, 0.3923, 0.3544)
contains.

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Color

Yxy(19.0834, 0.3923, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	9A6F60
RGB	154, 111, 96
RGB Percent	60%, 44%, 38%
CMY	0.3960, 0.5647, 0.6235
CMYK	0.00, 0.28, 0.38, 0.40
HSL	16°, 23%, 49%
HSV	16°, 38%, 60%
XYZ	21.1242, 19.0834, 13.6395
YIQ	122.1470, 30.4430, 4.4510

Conversions

Conversions Part 2

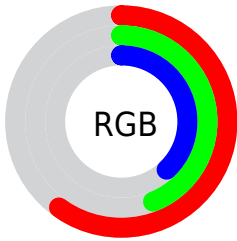
Format	Color
RYB	154, 116, 96
Decimal	10121056
CIELab	50.78, 15.00, 15.07
CIELCh	51, 21.267, 45.140
Yxy	19.0834, 0.3923, 0.3544
Android (android.graphics.Color)	4288311136 (0xFF9A6F60)
YUV	122.1470, -12.8905, 27.9351
Hunter-Lab	43.6846, 9.8679, 12.0673

Details

The Yxy color **19.0834, 0.3923, 0.3544** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2940, 0.2577, 0.3017**, and the grayscale version is **19.5490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0026, 0.3736, 0.3492**, and **6.5520, 0.4254, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **16.4926, 0.4228, 0.3610**, and if you desaturate by 10%, it is **22.0504, 0.3660, 0.3474**.

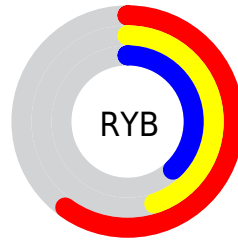
Distribution



Red (60%)

Green (44%)

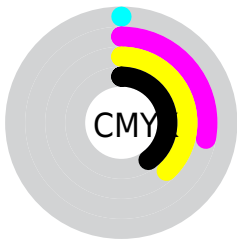
Blue (38%)



Red (60%)

Yellow (45%)

Blue (38%)

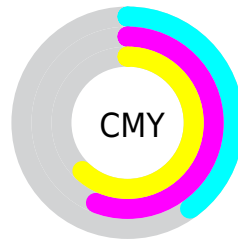


Cyan (0%)

Magenta (28%)

Yellow (38%)

Black (40%)



Cyan (40%)


Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0834, 0.3923, 0.3544 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 19.0834, 0.3923, 0.3544 by changing the saturation by 10% instead.


 19.0834, 0.3923,
0.3544


 19.0834, 0.3923,
0.3544


246.9088, 0.3463,
0.3411


 11.7306, 0.4064,
0.3577


 41.8750, 0.3738,
0.3495

 6.5605, 0.4265,
0.3618


 58.0825, 0.3674,
0.3477

 3.1888, 0.4568,
0.3664

 78.0104, 0.3622,
0.3461

 1.2311, 0.5333,
0.3889

 102.0430, 0.3579,
0.3448

 0.0869, 0.8378,
0.1622

130.5647, 0.3543,
0.3437

 0.0000, 0.0000,
0.0000

163.9600, 0.3512,

0.3427

202.6133, 0.3486,
0.3418

■ 19.0834, 0.3923,
0.3544

■ 19.0834, 0.3923,
0.3544

■ 16.4926, 0.4228,
0.3610

■ 22.0504, 0.3660,
0.3474

■ 14.2599, 0.4574,
0.3666

■ 25.4052, 0.3437,
0.3404

■ 12.3701, 0.4948,
0.3702


■ 29.1622, 0.3250,
0.3338


■ 10.8052, 0.5328,
0.3707


■ 33.3345, 0.3093,
0.3276


■ 9.5460, 0.5680,
0.3673

■ 37.9342, 0.2961,
0.3219

 8.5682, 0.5971,
0.3605

 42.9733, 0.2850,
0.3166

 8.3746, 0.6035,
0.3590

 48.4630, 0.2756,
0.3119

 54.4142, 0.2676,
0.3075

 60.8377, 0.2608,
0.3036

Harmonies

Analogous

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



19.0834, 0.3761, 0.3218



19.0834, 0.3923, 0.3544



19.0834, 0.3854, 0.3833

Triad

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



19.0834, 0.3923, 0.3544



19.0834, 0.2816, 0.3700



19.0834, 0.2657, 0.2640

Complementary

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



19.0834, 0.3923, 0.3544



23.2940, 0.2577, 0.3017

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.



19.0834, 0.2439, 0.2718



19.0834, 0.3923, 0.3544



19.0834, 0.2525, 0.3316

Square

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



19.0834, 0.3923, 0.3544



19.0834, 0.3203, 0.3960



19.0834, 0.2392, 0.2955



19.0834, 0.3010, 0.2717

Rectangle

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



19.0834, 0.3923, 0.3544



19.0834, 0.3692, 0.3963



19.0834, 0.2392, 0.2955



19.0834, 0.2567, 0.2648

Sweetspot

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



19.0843, 0.3923, 0.3544



50.4509, 0.3313, 0.3361



17.1184, 0.3361, 0.2590



11.2248, 0.3336, 0.3369



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.0843, 0.3923, 0.3544



30.7339, 0.4172, 0.3599



26.3297, 0.3754, 0.3994



6.4693, 0.3277, 0.3348



6.8732, 0.6022, 0.3601



0.1552, 0.5313, 0.4163

Inverse Universe

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



23.2940, 0.2577, 0.3017



39.4569, 0.2468, 0.2946



16.0839, 0.2499, 0.2467



6.7563, 0.2989, 0.3231



11.8044, 0.2014, 0.2450



0.2337, 0.2129, 0.2865

Previews

White Background



This preview shows how the Yxy color 19.0834, 0.3923, 0.3544 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0834, 0.3923, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

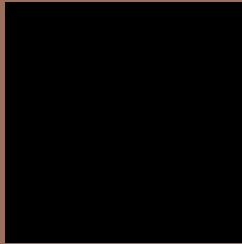
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0834, 0.3923, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 19.0834, 0.3923, 0.3544.



This preview shows how white text looks on a background with the Yxy color 19.0834, 0.3923, 0.3544.

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

19.0834, 0.3923, 0.3544

Protanopia

19.2035, 0.3455, 0.3668

Deuteranopia

19.0678, 0.3742, 0.3666



Tritanopia

19.0540, 0.3685, 0.3159

Trichromacy



Original Color

19.0834, 0.3923, 0.3544

Protanomaly

18.9418, 0.3617, 0.3619

Deuteranomaly

18.9718, 0.3809, 0.3624

Tritanomaly

19.0100, 0.3766, 0.3292

Monochromacy



Original Color

19.0834, 0.3923, 0.3544

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.2175, 0.3395, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0834, 0.3923, 0.3544 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(154, 111, 96)` looks like.

```
.text, #text, p{  
    color:rgb(154, 111, 96)  
}
```

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(154, 111, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 111, 96) }
```

Border

The CSS property to change the border of an element to Yxy 19.0834, 0.3923, 0.3544 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(154, 111, 96) }
```

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

```
.border{ border-color:rgb(154, 111, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 111, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 111, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 111, 96);  
box-shadow:4px 4px 4px 4px rgb(154, 111,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0834, 0.3923, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 111, 96) }
```

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

```
.background{ background-color: rgb(154,  
111, 96) }
```

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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