

Converting Colors

$Y_{xy}(21.7354, 0.3825, 0.3751)$

Have a look what the booklet for
Yxy(21.7354, 0.3825, 0.3751)
contains.

Yxy(21.6858, 0.3823, 0.3744)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.6858, 0.3823, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	987B60
RGB	152, 123, 96
RGB Percent	60%, 48%, 38%
CMY	0.4039, 0.5176, 0.6234
CMYK	0.00, 0.19, 0.37, 0.40
HSL	29°, 23%, 49%
HSV	29°, 37%, 60%
XYZ	22.1434, 21.6858, 14.0923
YIQ	128.5930, 25.9510, -2.2490

Conversions

Conversions Part 2

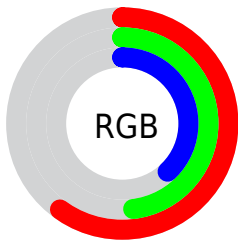
Format	Color
RYB	152, 148, 96
Decimal	9993056
CIELab	53.69, 7.26, 18.99
CIELCh	54, 20.334, 69.070
Yxy	21.6858, 0.3823, 0.3744
Android (android.graphics.Color)	4288183136 (0xFF987B60)
YUV	128.5930, -16.0683, 20.5279
Hunter-Lab	46.5680, 3.3838, 14.6554

Details

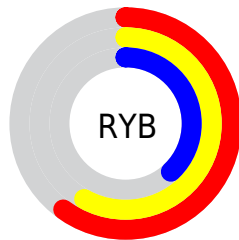
The Yxy color **21.6858, 0.3823, 0.3744** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.4278, 0.2556, 0.2784**, and the grayscale version is **21.8547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0319, 0.3665, 0.3642**, and **7.8286, 0.4115, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **19.5576, 0.4068, 0.3867**, and if you desaturate by 10%, it is **24.0273, 0.3602, 0.3616**.

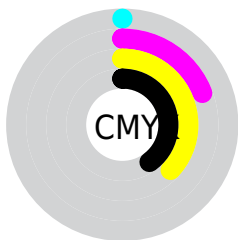
Distribution



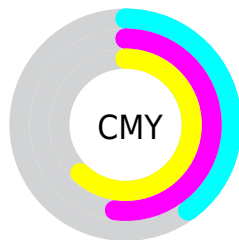
- Red (60%)
- Green (48%)
- Blue (38%)



- Red (60%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (40%)





- Cyan (40%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6858, 0.3823, 0.3744 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 21.6858, 0.3823, 0.3744 by changing the saturation by 10% instead.


 21.6858, 0.3823,
0.3744

 21.6858, 0.3823,
0.3744


260.9010, 0.3430,
0.3497


 13.6262, 0.3938,
0.3811


 46.2261, 0.3668,
0.3650


 7.8612, 0.4097,
0.3900


 63.4757, 0.3614,
0.3616

 4.0062, 0.4329,
0.4020

 84.5573, 0.3569,
0.3587

 1.6770, 0.4847,
0.4321

 109.8555, 0.3532,
0.3564

 0.4087, 0.5806,
0.4194

139.7545, 0.3501,
0.3543

 0.0000, 0.0000,
0.0000

174.6389, 0.3474,

0.3526

214.8929, 0.3451,
0.3510

■ 21.6858, 0.3823,
0.3744

■ 21.6858, 0.3823,
0.3744

■ 19.5576, 0.4068,
0.3867

■ 24.0273, 0.3602,
0.3616

■ 17.6329, 0.4333,
0.3978

■ 26.5855, 0.3405,
0.3490

■ 15.9053, 0.4609,
0.4065

■ 29.3676, 0.3232,
0.3369

■ 14.3672, 0.4884,
0.4118

■ 32.3793, 0.3081,
0.3254

■ 13.0097, 0.5141,
0.4124

■ 35.6263, 0.2950,
0.3148

■ 11.8216, 0.5366,
0.4081

■ 39.1140, 0.2835,
0.3050

■ 11.4738, 0.5437,
0.4065

■ 42.8475, 0.2735,
0.2960

■ 46.8319, 0.2648,
0.2877

■ 51.0720, 0.2572,
0.2801

Harmonies

Analogous

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



21.6858, 0.3842, 0.3467



21.6858, 0.3823, 0.3744



21.6858, 0.3610, 0.3922

Triad

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



21.6858, 0.3823, 0.3744



21.6858, 0.2617, 0.3389



21.6858, 0.2948, 0.2737

Complementary

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



21.6858, 0.3823, 0.3744



19.4278, 0.2556, 0.2784

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.



21.6858, 0.2643, 0.2694



21.6858, 0.3823, 0.3744



21.6858, 0.2461, 0.3045

Square

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



21.6858, 0.3823, 0.3744



21.6858, 0.2911, 0.3725



21.6858, 0.2471, 0.2798



21.6858, 0.3320, 0.2906

Rectangle

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



21.6858, 0.3823, 0.3744



21.6858, 0.3394, 0.3947



21.6858, 0.2471, 0.2798



21.6858, 0.2835, 0.2707

Sweetspot

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



21.6868, 0.3823, 0.3744



49.6337, 0.3305, 0.3421



16.5494, 0.3527, 0.2794



11.1438, 0.3327, 0.3436



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



21.6868, 0.3823, 0.3744



35.2332, 0.4018, 0.3844



29.3735, 0.3674, 0.4153



6.6894, 0.3272, 0.3398



9.6829, 0.5427, 0.4073



0.2171, 0.4812, 0.4561

Inverse Universe

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



19.4278, 0.2556, 0.2784



30.6599, 0.2430, 0.2652



13.4713, 0.2482, 0.2251



6.5290, 0.2989, 0.3180



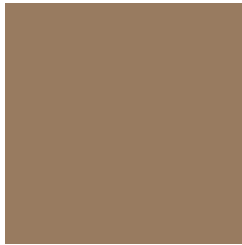
6.6204, 0.1799, 0.1674



0.1718, 0.2003, 0.2411

Previews

White Background



This preview shows how the Yxy color 21.6858, 0.3823, 0.3744 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 21.6858, 0.3823, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

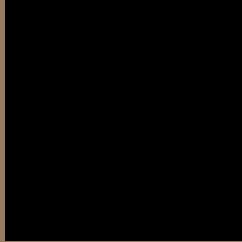
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6858, 0.3823, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 21.6858, 0.3823, 0.3744.



This preview shows how white text looks on a background with the Yxy color 21.6858, 0.3823, 0.3744.

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

21.6858, 0.3823, 0.3744

Protanopia

21.6386, 0.3580, 0.3827

Deuteranopia

21.6858, 0.3823, 0.3744



Tritanopia

21.7207, 0.3476, 0.3144

Trichromacy



Original Color

21.6858, 0.3823, 0.3744

Protanomaly

21.5356, 0.3665, 0.3799

Deuteranomaly

21.6858, 0.3823, 0.3744

Tritanomaly

21.5639, 0.3612, 0.3358

Monochromacy



Original Color

21.6858, 0.3823, 0.3744

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.7815, 0.3362, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6858, 0.3823, 0.3744 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(152, 123, 96)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 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(152, 123, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 96) }
```

Border

The CSS property to change the border of an element to Yxy 21.6858, 0.3823, 0.3744 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(152, 123, 96) }
```

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

```
.border{ border-color:rgb(152, 123, 96) }
```

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

Here you see how a box with a 4 pixel rgb(152, 123, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 96);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6858, 0.3823, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 96) }
```

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

```
.background{ background-color: rgb(152,  
123, 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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