

Converting Colors

$Y_{xy}(21.5757, 0.3979, 0.3868)$

Have a look what the booklet for
Yxy(21.5757, 0.3979, 0.3868)
contains.

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Color

Yxy(21.5757, 0.3979, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	9B7A57
RGB	155, 122, 87
RGB Percent	61%, 48%, 34%
CMY	0.3922, 0.5215, 0.6589
CMYK	0.00, 0.21, 0.44, 0.39
HSL	31°, 28%, 47%
HSV	31°, 44%, 61%
XYZ	22.1949, 21.5757, 12.0094
YIQ	127.8770, 30.9030, -3.8890

Conversions

Conversions Part 2

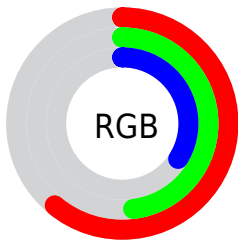
Format	Color
RYB	151, 155, 87
Decimal	10189399
CIELab	53.57, 8.01, 24.04
CIElCh	54, 25.340, 71.570
Yxy	21.5757, 0.3979, 0.3868
Android (android.graphics.Color)	4288379479 (0xFF9B7A57)
YUV	127.8770, -20.1524, 23.7869
Hunter-Lab	46.4497, 4.0051, 17.1855

Details

The Yxy color **21.5757, 0.3979, 0.3868** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.8164, 0.2437, 0.2622**, and the grayscale version is **21.6046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9271, 0.3796, 0.3748**, and **7.7500, 0.4310, 0.4043** is the 20% darker color. If you saturate the color by 10%, you get **19.5749, 0.4229, 0.3991**, and if you desaturate by 10%, it is **23.7758, 0.3747, 0.3735**.

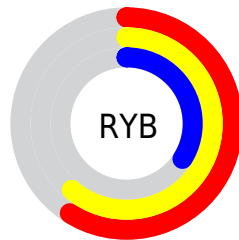
Distribution



Red (61%)

Green (48%)

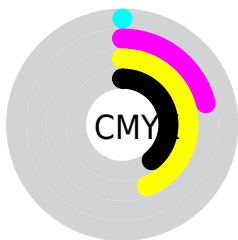
Blue (34%)



Red (59%)

Yellow (61%)

Blue (34%)

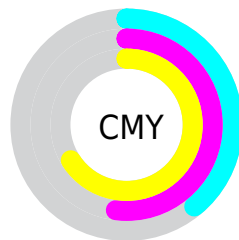


Cyan (0%)

Magenta (21%)

Yellow (44%)

Black (39%)



Cyan (39%)


Magenta (52%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5757, 0.3979, 0.3868 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 21.5757, 0.3979, 0.3868 by changing the saturation by 10% instead.


 21.5757, 0.3979,
0.3868


 21.5757, 0.3979,
0.3868


260.3224, 0.3500,
0.3557


 13.5455, 0.4117,
0.3950


 46.0437, 0.3791,
0.3751


 7.8052, 0.4305,
0.4056


 63.2503, 0.3725,
0.3708


 3.9706, 0.4570,
0.4190

 84.2844, 0.3671,
0.3672

 1.6571, 0.5330,
0.4670

 109.5305, 0.3625,
0.3642

 0.3957, 0.5910,
0.4090

 139.3730, 0.3587,
0.3616

 0.0000, 0.0000,
0.0000

174.1962, 0.3554,

0.3593

214.3845, 0.3525,
0.3574

■ 21.5757, 0.3979,
0.3868

■ 21.5757, 0.3979,
0.3868

■ 19.5749, 0.4229,
0.3991

■ 23.7758, 0.3747,
0.3735

■ 17.7634, 0.4490,
0.4094

■ 26.1783, 0.3538,
0.3599

■ 16.1352, 0.4752,
0.4165

■ 28.7902, 0.3351,
0.3465

■ 14.6822, 0.5000,
0.4192

■ 31.6173, 0.3186,
0.3337

■ 13.3955, 0.5218,
0.4168

■ 34.6649, 0.3041,
0.3217

■ 12.6786, 0.5344,
0.4139

■ 37.9383, 0.2914,
0.3106

■ 41.4424, 0.2803,
0.3003

■ 45.1821, 0.2706,
0.2909

■ 49.1620, 0.2621,
0.2822

Harmonies

Analogous

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



21.5757, 0.4030, 0.3528



21.5757, 0.3979, 0.3868



21.5757, 0.3692, 0.4088

Triad

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



21.5757, 0.3979, 0.3868



21.5757, 0.2472, 0.3371



21.5757, 0.2938, 0.2624

Complementary

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



21.5757, 0.3979, 0.3868



17.8164, 0.2437, 0.2622

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.



21.5757, 0.2554, 0.2555



21.5757, 0.3979, 0.3868



21.5757, 0.2301, 0.2945

Square

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



21.5757, 0.3979, 0.3868



21.5757, 0.2818, 0.3810



21.5757, 0.2331, 0.2660



21.5757, 0.3403, 0.2841

Rectangle

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



21.5757, 0.3979, 0.3868



21.5757, 0.3415, 0.4115



21.5757, 0.2331, 0.2660



21.5757, 0.2796, 0.2583

Sweetspot

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



21.5767, 0.3979, 0.3868



51.8730, 0.3340, 0.3457



15.1622, 0.3673, 0.2733



11.5121, 0.3377, 0.3484



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.



21.5767, 0.3979, 0.3868



35.0086, 0.4233, 0.3993



31.0925, 0.3762, 0.4340



6.7224, 0.3271, 0.3405



10.2624, 0.5332, 0.4148



0.2262, 0.4756, 0.4606

Inverse Universe

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



17.8164, 0.2437, 0.2622



27.3539, 0.2279, 0.2433



11.2068, 0.2328, 0.1969



6.4960, 0.2989, 0.3173



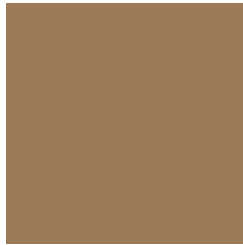
6.0369, 0.1768, 0.1565



0.1626, 0.1981, 0.2333

Previews

White Background



This preview shows how the Yxy color 21.5757, 0.3979, 0.3868 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 21.5757, 0.3979, 0.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

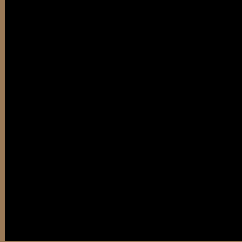
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5757, 0.3979, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 21.5757, 0.3979, 0.3868.



This preview shows how white text looks on a background with the Yxy color 21.5757, 0.3979, 0.3868.

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

21.5757, 0.3979, 0.3868

Protanopia

21.5798, 0.3684, 0.3966

Deuteranopia

21.6263, 0.3946, 0.3890



Tritanopia

21.5999, 0.3558, 0.3147

Trichromacy



Original Color

21.5757, 0.3979, 0.3868

Protanomaly

21.5723, 0.3785, 0.3932

Deuteranomaly

21.7241, 0.3959, 0.3886

Tritanomaly

21.6326, 0.3719, 0.3406

Monochromacy



Original Color

21.5757, 0.3979, 0.3868

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.5172, 0.3424, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5757, 0.3979, 0.3868 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(155, 122, 87)` looks like.

```
.text, #text, p{  
    color:rgb(155, 122, 87)  
}
```

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(155, 122, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 122, 87) }
```

Border

The CSS property to change the border of an element to Yxy 21.5757, 0.3979, 0.3868 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(155, 122, 87) }
```

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

```
.border{ border-color:rgb(155, 122, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 122, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 122, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 122, 87);  
box-shadow:4px 4px 4px 4px rgb(155, 122,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5757, 0.3979, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 122, 87) }
```

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

```
.background{ background-color: rgb(155,  
122, 87) }
```

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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