

Converting Colors

$Yxy(21.5458, 0.3841, 0.3853)$

Have a look what the booklet for
Yxy(21.5458, 0.3841, 0.3853)
contains.

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Color

Yxy(21.5602, 0.3839, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	957C5B
RGB	149, 124, 91
RGB Percent	58%, 49%, 36%
CMY	0.4158, 0.5137, 0.6432
CMYK	0.00, 0.17, 0.39, 0.42
HSL	34°, 24%, 47%
HSV	34°, 39%, 58%
XYZ	21.4874, 21.5602, 12.9238
YIQ	127.7130, 25.4930, -4.9630

Conversions

Conversions Part 2

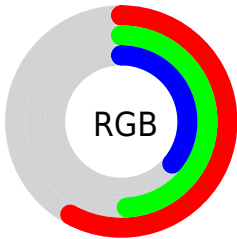
Format	Color
RYB	135, 149, 91
Decimal	9796699
CIELab	53.56, 4.78, 21.64
CIElCh	54, 22.158, 77.551
Yxy	21.5602, 0.3839, 0.3852
Android (android.graphics.Color)	4287986779 (0xFF957C5B)
YUV	127.7130, -18.0995, 18.6687
Hunter-Lab	46.4330, 1.3454, 16.0007

Details

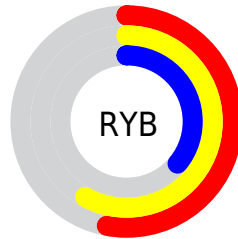
The Yxy color **21.5602, 0.3839, 0.3852** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.8741, 0.2509, 0.2649**, and the grayscale version is **21.5387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8111, 0.3687, 0.3733**, and **7.7630, 0.4115, 0.4034** is the 20% darker color. If you saturate the color by 10%, you get **19.7731, 0.4066, 0.3994**, and if you desaturate by 10%, it is **23.5050, 0.3628, 0.3704**.

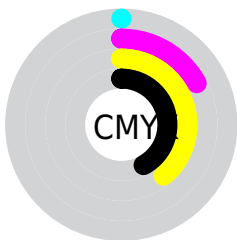
Distribution



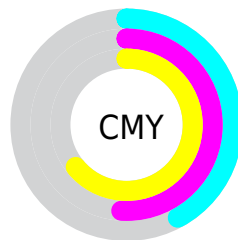
- Red (58%)
- Green (49%)
- Blue (36%)



- Red (53%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (39%)
- Black (42%)





- Cyan (42%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5602, 0.3839, 0.3852 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 21.5602, 0.3839, 0.3852 by changing the saturation by 10% instead.


 21.5602, 0.3839,
0.3852


 21.5602, 0.3839,
0.3852


260.2408, 0.3439,
0.3544


 13.5341, 0.3955,
0.3937


 46.0180, 0.3682,
0.3734

 7.7973, 0.4113,
0.4050


 63.2185, 0.3627,
0.3691

 3.9656, 0.4340,
0.4203

 84.2460, 0.3581,
0.3656

 1.6543, 0.4972,
0.4684

 109.4847, 0.3543,
0.3626

 0.3938, 0.5549,
0.4451

139.3192, 0.3511,
0.3601

 0.0000, 0.0000,
0.0000

174.1338, 0.3483,

0.3579

214.3129, 0.3460,
0.3560

■ 21.5602, 0.3839,
0.3852

■ 21.5602, 0.3839,
0.3852

■ 19.7731, 0.4066,
0.3994

■ 23.5050, 0.3628,
0.3704

■ 18.1356, 0.4303,
0.4120

■ 25.6092, 0.3437,
0.3556

■ 16.6434, 0.4543,
0.4219

■ 27.8781, 0.3265,
0.3412

■ 15.2905, 0.4773,
0.4282

■ 30.3162, 0.3112,
0.3276

■ 14.0704, 0.4981,
0.4297

■ 32.9273, 0.2976,
0.3148

■ 12.9712, 0.5164,
0.4269

■ 35.7154, 0.2857,
0.3029

■ 12.8589, 0.5184,
0.4266

■ 38.6843, 0.2751,
0.2920

■ 41.8376, 0.2658,
0.2820

■ 45.1787, 0.2576,
0.2728

Harmonies

Analogous

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



21.5602, 0.3926, 0.3570



21.5602, 0.3839, 0.3852



21.5602, 0.3557, 0.4005

Triad

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



21.5602, 0.3839, 0.3852



21.5602, 0.2507, 0.3285



21.5602, 0.3042, 0.2730

Complementary

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



21.5602, 0.3839, 0.3852



16.8741, 0.2509, 0.2649

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.



21.5602, 0.2681, 0.2641



21.5602, 0.3839, 0.3852



21.5602, 0.2389, 0.2930

Square

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



21.5602, 0.3839, 0.3852



21.5602, 0.2788, 0.3672



21.5602, 0.2450, 0.2705



21.5602, 0.3450, 0.2945

Rectangle

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



21.5602, 0.3839, 0.3852



21.5602, 0.3305, 0.3992



21.5602, 0.2450, 0.2705



21.5602, 0.2912, 0.2684

Sweetspot

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



21.5612, 0.3839, 0.3852



48.5583, 0.3320, 0.3459



15.1318, 0.3648, 0.2861



10.6579, 0.3339, 0.3475



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.5612, 0.3839, 0.3852



35.7201, 0.4043, 0.3980



28.2743, 0.3649, 0.4241



6.3306, 0.3269, 0.3416



10.8851, 0.5175, 0.4273



0.1919, 0.4656, 0.4685

Inverse Universe

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



16.8741, 0.2509, 0.2649



26.0786, 0.2360, 0.2468



12.0748, 0.2478, 0.2157



6.0191, 0.2989, 0.3161



4.9840, 0.1721, 0.1396



0.1177, 0.1949, 0.2215

Previews

White Background



This preview shows how the Yxy color 21.5602, 0.3839, 0.3852 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 21.5602, 0.3839, 0.3852 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 21.5602, 0.3839, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 21.5602, 0.3839, 0.3852.



This preview shows how white text looks on a background with the Yxy color 21.5602, 0.3839, 0.3852.

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

21.5602, 0.3839, 0.3852

Protanopia

21.6319, 0.3650, 0.3913

Deuteranopia

21.5966, 0.3885, 0.3827



Tritanopia

21.5245, 0.3450, 0.3143

Trichromacy



Original Color

21.5602, 0.3839, 0.3852

Protanomaly

21.7022, 0.3719, 0.3903

Deuteranomaly

21.5006, 0.3872, 0.3830

Tritanomaly

21.5879, 0.3595, 0.3392

Monochromacy



Original Color

21.5602, 0.3839, 0.3852

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.6508, 0.3372, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5602, 0.3839, 0.3852 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(149, 124, 91)` looks like.

```
.text, #text, p{  
    color:rgb(149, 124, 91)  
}
```

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(149, 124, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 124, 91) }
```

Border

The CSS property to change the border of an element to Yxy 21.5602, 0.3839, 0.3852 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(149, 124, 91) }
```

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

```
.border{ border-color:rgb(149, 124, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 124, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 124, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 124, 91);  
box-shadow:4px 4px 4px 4px rgb(149, 124,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5602, 0.3839, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 124, 91) }
```

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

```
.background{ background-color: rgb(149,  
124, 91) }
```

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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