

Converting Colors

$Y_{xy}(20.0541, 0.3958, 0.4108)$

Have a look what the booklet for
Yxy(20.0541, 0.3958, 0.4108)
contains.

Yxy(19.9335, 0.3957, 0.4094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.9335, 0.3957, 0.4094)

Conversions

Conversions Part 1

Format	Color
Hex	8E794B
RGB	142, 121, 75
RGB Percent	56%, 47%, 29%
CMY	0.4430, 0.5255, 0.7059
CMYK	0.00, 0.15, 0.47, 0.44
HSL	41°, 31%, 43%
HSV	41°, 47%, 56%
XYZ	19.2665, 19.9335, 9.4896
YIQ	122.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

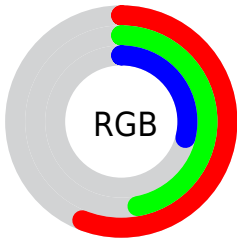
Format	Color
R_{YB}	106, 142, 75
Decimal	9337163
CIE _{Lab}	51.76, 1.64, 28.16
CIE _{LCh}	52, 28.205, 86.674
Yxy	19.9335, 0.3957, 0.4094
Android (android.graphics.Color)	4287527243 (0xFF8E794B)
YUV	122.0350, -23.1883, 17.5093
Hunter-Lab	44.6469, -1.1042, 18.6509

Details

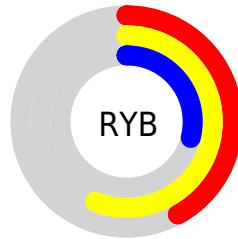
The Yxy color **19.9335, 0.3957, 0.4094** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.8233, 0.2345, 0.2316**, and the grayscale version is **19.5461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2381, 0.3772, 0.3914**, and **7.0275, 0.4261, 0.4390** is the 20% darker color. If you saturate the color by 10%, you get **18.7027, 0.4156, 0.4247**, and if you desaturate by 10%, it is **21.2597, 0.3760, 0.3926**.

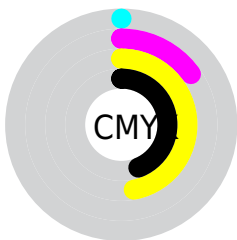
Distribution



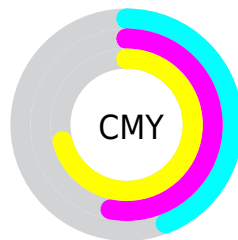
- Red (56%)
- Green (47%)
- Blue (29%)



- Red (42%)
- Yellow (56%)
- Blue (29%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (44%)





- Cyan (44%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9335, 0.3957, 0.4094 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 19.9335, 0.3957, 0.4094 by changing the saturation by 10% instead.


 19.9335, 0.3957,
0.4094


 19.9335, 0.3957,
0.4094


251.5549, 0.3492,
0.3647


 12.3467, 0.4088,
0.4217


 43.3057, 0.3776,
0.3922


 6.9803, 0.4262,
0.4379


 59.8598, 0.3712,
0.3860

 3.4498, 0.4515,
0.4610

 80.1719, 0.3658,
0.3809

 1.3708, 0.4975,
0.5025

 104.6263, 0.3614,
0.3766

 0.1951, 0.5360,
0.4640

 133.6074, 0.3576,
0.3729

 0.0000, 0.0000,
0.0000

167.4996, 0.3544,

0.3698

206.6873, 0.3516,
0.3671

■ 19.9335, 0.3957,
0.4094

■ 19.9335, 0.3957,
0.4094

■ 18.7027, 0.4156,
0.4247

■ 21.2597, 0.3760,
0.3926

■ 17.5608, 0.4351,
0.4374

■ 22.6818, 0.3572,
0.3751

■ 16.5049, 0.4533,
0.4467

■ 24.2037, 0.3397,
0.3577

■ 15.5305, 0.4692,
0.4515

■ 25.8285, 0.3235,
0.3407

■ 14.6299, 0.4826,
0.4521

■ 27.5587, 0.3087,
0.3245

■ 14.3864, 0.4863,
0.4521

■ 29.3972, 0.2954,
0.3094

■ 31.3463, 0.2835,
0.2952

■ 33.4084, 0.2729,
0.2822

■ 35.5859, 0.2633,
0.2702

Harmonies

Analogous

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



19.9335, 0.4167, 0.3754



19.9335, 0.3957, 0.4094



19.9335, 0.3530, 0.4242

Triad

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



19.9335, 0.3957, 0.4094



19.9335, 0.2260, 0.3118



19.9335, 0.3172, 0.2644

Complementary

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



19.9335, 0.3957, 0.4094



11.8233, 0.2345, 0.2316

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.



19.9335, 0.2675, 0.2478



19.9335, 0.3957, 0.4094



19.9335, 0.2183, 0.2705

Square

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



19.9335, 0.3957, 0.4094



19.9335, 0.2555, 0.3643



19.9335, 0.2327, 0.2490



19.9335, 0.3698, 0.2952

Rectangle

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



19.9335, 0.3957, 0.4094



19.9335, 0.3188, 0.4173



19.9335, 0.2327, 0.2490



19.9335, 0.2996, 0.2571

Sweetspot

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



19.9344, 0.3957, 0.4094



43.4738, 0.3348, 0.3527



11.6351, 0.3953, 0.2911



9.5901, 0.3380, 0.3560



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.9344, 0.3957, 0.4094



32.7590, 0.4176, 0.4261



24.5879, 0.3654, 0.4467



6.0037, 0.3266, 0.3440



12.9451, 0.4860, 0.4523



0.1633, 0.4499, 0.4810

Inverse Universe

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



11.8233, 0.2345, 0.2316



16.6468, 0.2155, 0.2039



9.0273, 0.2410, 0.1915



5.5140, 0.2990, 0.3135



3.4392, 0.1632, 0.1074



0.0689, 0.1856, 0.1881

Previews

White Background



This preview shows how the Yxy color 19.9335, 0.3957, 0.4094 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 19.9335, 0.3957, 0.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

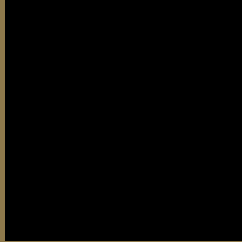
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9335, 0.3957, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 19.9335, 0.3957, 0.4094.



This preview shows how white text looks on a background with the Yxy color 19.9335, 0.3957, 0.4094.

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

19.9335, 0.3957, 0.4094

Protanopia

20.0880, 0.3829, 0.4156

Deuteranopia

19.9627, 0.4077, 0.3997



Tritanopia

19.9197, 0.3434, 0.3138

Trichromacy



Original Color

19.9335, 0.3957, 0.4094

Protanomaly

20.0910, 0.3876, 0.4127

Deuteranomaly

19.9185, 0.4028, 0.4025

Tritanomaly

19.7829, 0.3634, 0.3484

Monochromacy



Original Color

19.9335, 0.3957, 0.4094

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.6061, 0.3416, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9335, 0.3957, 0.4094 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(142, 121, 75)` looks like.

```
.text, #text, p{  
    color:rgb(142, 121, 75)  
}
```

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(142, 121, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 121, 75) }
```

Border

The CSS property to change the border of an element to Yxy 19.9335, 0.3957, 0.4094 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(142, 121, 75) }
```

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

```
.border{ border-color:rgb(142, 121, 75) }
```

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

Here you see how a box with a 4 pixel rgb(142, 121, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 121, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 121, 75);  
box-shadow:4px 4px 4px 4px rgb(142, 121,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9335, 0.3957, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 121, 75) }
```

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

```
.background{ background-color: rgb(142,  
121, 75) }
```

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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