

Converting Colors

$Y_{xy}(19.4112, 0.3980, 0.3859)$

Have a look what the booklet for
Yxy(19.4112, 0.3980, 0.3859)
contains.

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Color

Yxy(19.4112, 0.3980, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	947453
RGB	148, 116, 83
RGB Percent	58%, 45%, 33%
CMY	0.4196, 0.5451, 0.6746
CMYK	0.00, 0.22, 0.44, 0.42
HSL	30°, 28%, 45%
HSV	30°, 44%, 58%
XYZ	20.0198, 19.4112, 10.8701
YIQ	121.8060, 29.6650, -3.4790

Conversions

Conversions Part 2

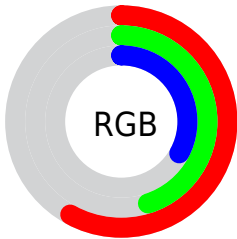
Format	Color
R_{YB}	146, 148, 83
Decimal	9729107
CIE _{Lab}	51.16, 7.99, 23.02
CIE _{LCh}	51, 24.369, 70.860
Yxy	19.4112, 0.3980, 0.3859
Android (android.graphics.Color)	4287919187 (0xFF947453)
YUV	121.8060, -19.1314, 22.9721
Hunter-Lab	44.0581, 4.0079, 16.2126

Details

The Yxy color **19.4112, 0.3980, 0.3859** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.2337, 0.2440, 0.2634**, and the grayscale version is **19.4519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3952, 0.3781, 0.3739**, and **6.7007, 0.4318, 0.4064** is the 20% darker color. If you saturate the color by 10%, you get **17.5933, 0.4231, 0.3980**, and if you desaturate by 10%, it is **21.4114, 0.3748, 0.3728**.

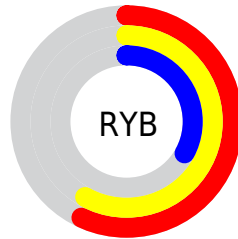
Distribution



Red (58%)

Green (45%)

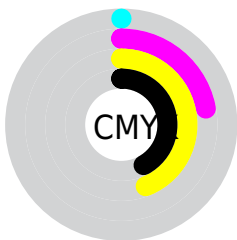
Blue (33%)



Red (57%)

Yellow (58%)

Blue (33%)

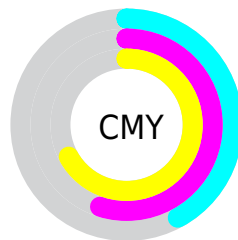


Cyan (0%)

Magenta (22%)

Yellow (44%)

Black (42%)



Cyan (42%)


Magenta (55%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4112, 0.3980, 0.3859 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 19.4112, 0.3980, 0.3859 by changing the saturation by 10% instead.


 19.4112, 0.3980,
0.3859


 19.4112, 0.3980,
0.3859


248.7095, 0.3493,
0.3548


 11.9678, 0.4124,
0.3943


 42.4278, 0.3787,
0.3740

 6.7217, 0.4323,
0.4052


 58.7697, 0.3719,
0.3697


 3.2887, 0.4609,
0.4191

 78.8466, 0.3664,
0.3662

 1.2842, 0.5367,
0.4633

 103.0429, 0.3618,
0.3632

 0.1290, 0.7112,
0.2888

 131.7430, 0.3579,
0.3606

 0.0000, 0.0000,
0.0000

165.3311, 0.3546,

0.3584

204.1918, 0.3518,
0.3565

■ 19.4112, 0.3980,
0.3859

■ 19.4112, 0.3980,
0.3859

■ 17.5933, 0.4231,
0.3980

■ 21.4114, 0.3748,
0.3728

■ 15.9489, 0.4494,
0.4081

■ 23.5970, 0.3538,
0.3594

■ 14.4723, 0.4758,
0.4151

■ 25.9743, 0.3351,
0.3463

■ 13.1562, 0.5009,
0.4178

■ 28.5486, 0.3186,
0.3337

■ 11.9924, 0.5231,
0.4154

■ 31.3247, 0.3042,
0.3220

■ 11.3512, 0.5359,
0.4127

■ 34.3075, 0.2915,
0.3110

■ 37.5015, 0.2805,
0.3009

■ 40.9111, 0.2708,
0.2916

■ 44.5407, 0.2623,
0.2831

Harmonies

Analogous

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



19.4112, 0.4025, 0.3519



19.4112, 0.3980, 0.3859



19.4112, 0.3698, 0.4082

Triad

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



19.4112, 0.3980, 0.3859



19.4112, 0.2481, 0.3382



19.4112, 0.2928, 0.2623

Complementary

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



19.4112, 0.3980, 0.3859



16.2337, 0.2440, 0.2634

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.



19.4112, 0.2549, 0.2558



19.4112, 0.3980, 0.3859



19.4112, 0.2306, 0.2955

Square

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



19.4112, 0.3980, 0.3859



19.4112, 0.2829, 0.3817



19.4112, 0.2331, 0.2667



19.4112, 0.3391, 0.2836

Rectangle

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



19.4112, 0.3980, 0.3859



19.4112, 0.3424, 0.4113



19.4112, 0.2331, 0.2667



19.4112, 0.2787, 0.2583

Sweetspot

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



19.4121, 0.3980, 0.3859



46.1219, 0.3339, 0.3454



13.7287, 0.3671, 0.2735



10.3256, 0.3375, 0.3480



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.



19.4121, 0.3980, 0.3859



31.0022, 0.4234, 0.3982



28.1034, 0.3761, 0.4338



6.2731, 0.3271, 0.3403



9.7492, 0.5350, 0.4134



0.1783, 0.4753, 0.4608

Inverse Universe

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



16.2337, 0.2440, 0.2634



24.6308, 0.2285, 0.2449



10.1591, 0.2330, 0.1972



6.0761, 0.2989, 0.3175



5.9328, 0.1776, 0.1591



0.1313, 0.1992, 0.2370

Previews

White Background



This preview shows how the Yxy color 19.4112, 0.3980, 0.3859 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 19.4112, 0.3980, 0.3859 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 19.4112, 0.3980, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 19.4112, 0.3980, 0.3859.



This preview shows how white text looks on a background with the Yxy color 19.4112, 0.3980, 0.3859.

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

19.4112, 0.3980, 0.3859

Protanopia

19.4805, 0.3697, 0.3976

Deuteranopia

19.4581, 0.3945, 0.3881



Tritanopia

19.4003, 0.3565, 0.3140

Trichromacy



Original Color

19.4112, 0.3980, 0.3859

Protanomaly

19.4763, 0.3803, 0.3940

Deuteranomaly

19.5502, 0.3959, 0.3878

Tritanomaly

19.4511, 0.3720, 0.3394

Monochromacy



Original Color

19.4112, 0.3980, 0.3859

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.3409, 0.3412, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4112, 0.3980, 0.3859 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(148, 116, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 116, 83)  
}
```

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(148, 116, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 116, 83) }
```

Border

The CSS property to change the border of an element to Yxy 19.4112, 0.3980, 0.3859 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(148, 116, 83) }
```

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

```
.border{ border-color:rgb(148, 116, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 116, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 116, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 116, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 116,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4112, 0.3980, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 116, 83) }
```

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

```
.background{ background-color: rgb(148,  
116, 83) }
```

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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