

Converting Colors

$Y_{xy}(19.5080, 0.3903, 0.3757)$

Have a look what the booklet for
Yxy(19.5080, 0.3903, 0.3757)
contains.

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Color

Yxy(19.5080, 0.3903, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	947459
RGB	148, 116, 89
RGB Percent	58%, 45%, 35%
CMY	0.4195, 0.5451, 0.6509
CMYK	0.00, 0.22, 0.40, 0.42
HSL	27°, 25%, 46%
HSV	27°, 40%, 58%
XYZ	20.2661, 19.5080, 12.1503
YIQ	122.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

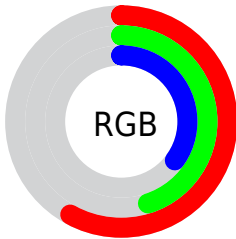
Format	Color
R_{YB}	148, 139, 89
Decimal	9729113
CIE _{Lab}	51.28, 8.72, 19.71
CIE _{LCh}	51, 21.550, 66.120
Yxy	19.5080, 0.3903, 0.3757
Android (android.graphics.Color)	4287919193 (0xFF947459)
YUV	122.4900, -16.5106, 22.3723
Hunter-Lab	44.1679, 4.6096, 14.6072

Details

The Yxy color **19.5080, 0.3903, 0.3757** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9511, 0.2513, 0.2766**, and the grayscale version is **19.6806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5659, 0.3725, 0.3663**, and **6.7955, 0.4227, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **17.5115, 0.4160, 0.3871**, and if you desaturate by 10%, it is **21.7167, 0.3670, 0.3636**.

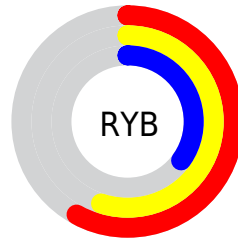
Distribution



Red (58%)

Green (45%)

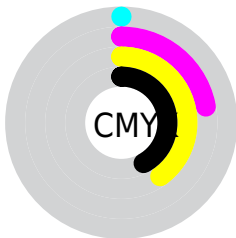
Blue (35%)



Red (58%)

Yellow (55%)

Blue (35%)

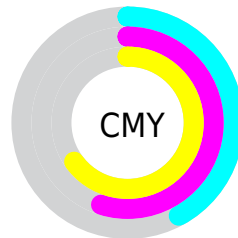


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (42%)



Cyan (42%)


Magenta (55%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5080, 0.3903, 0.3757 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 19.5080, 0.3903, 0.3757 by changing the saturation by 10% instead.


 19.5080, 0.3903,
0.3757

 19.5080, 0.3903,
0.3757


249.2390, 0.3458,
0.3501


 12.0379, 0.4036,
0.3827


 42.5908, 0.3726,
0.3659


 6.7695, 0.4223,
0.3918


 58.9722, 0.3664,
0.3624

 3.3184, 0.4497,
0.4037

 79.0929, 0.3614,
0.3595

 1.3001, 0.5409,
0.4591

 103.3373, 0.3572,
0.3570

 0.1413, 0.7108,
0.2892

 132.0897, 0.3537,
0.3549

 0.0000, 0.0000,
0.0000

165.7345, 0.3507,

0.3531

204.6562, 0.3481,
0.3515

■ 19.5080, 0.3903,
0.3757

■ 19.5080, 0.3903,
0.3757

■ 17.5115, 0.4160,
0.3871

■ 21.7167, 0.3670,
0.3636

■ 15.7174, 0.4438,
0.3970

■ 24.1414, 0.3464,
0.3516

■ 14.1190, 0.4726,
0.4043


■ 26.7894, 0.3283,
0.3399


■ 12.7081, 0.5009,
0.4078

■ 29.6668, 0.3125,
0.3289


■ 11.4758, 0.5269,
0.4064


■ 32.7792, 0.2988,
0.3186

 10.4060, 0.5502,
0.4011

 36.1324, 0.2870,
0.3090

 10.3932, 0.5505,
0.4011

 39.7316, 0.2766,
0.3003

 43.5820, 0.2677,
0.2923

 47.6887, 0.2598,
0.2849

Harmonies

Analogous

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



19.5080, 0.3903, 0.3447



19.5080, 0.3903, 0.3757



19.5080, 0.3686, 0.3971

Triad

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



19.5080, 0.3903, 0.3757



19.5080, 0.2595, 0.3437



19.5080, 0.2892, 0.2676

Complementary

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



19.5080, 0.3903, 0.3757



17.9511, 0.2513, 0.2766

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.



19.5080, 0.2572, 0.2643



19.5080, 0.3903, 0.3757



19.5080, 0.2409, 0.3052

Square

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



19.5080, 0.3903, 0.3757



19.5080, 0.2925, 0.3801



19.5080, 0.2402, 0.2770



19.5080, 0.3297, 0.2848

Rectangle

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



19.5080, 0.3903, 0.3757



19.5080, 0.3455, 0.4016



19.5080, 0.2402, 0.2770



19.5080, 0.2772, 0.2648

Sweetspot

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



19.5089, 0.3903, 0.3757



46.1035, 0.3324, 0.3426



14.8374, 0.3556, 0.2738



10.3998, 0.3344, 0.3440



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.



19.5089, 0.3903, 0.3757



31.1901, 0.4136, 0.3861



27.2964, 0.3722, 0.4206



6.2260, 0.3272, 0.3391



8.9266, 0.5495, 0.4019



0.1670, 0.4843, 0.4537

Inverse Universe

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



17.9511, 0.2513, 0.2766



28.0365, 0.2376, 0.2621



11.9110, 0.2424, 0.2172



6.1233, 0.2989, 0.3186



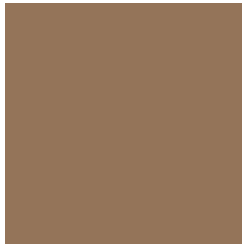
6.8254, 0.1823, 0.1761



0.1426, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 19.5080, 0.3903, 0.3757 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 19.5080, 0.3903, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

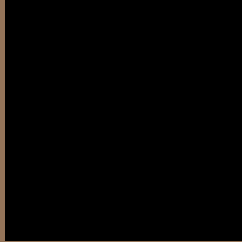
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

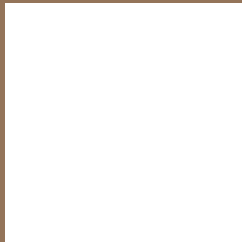
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.5080, 0.3903, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 19.5080, 0.3903, 0.3757.



This preview shows how white text looks on a background with the Yxy color 19.5080, 0.3903, 0.3757.

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

19.5080, 0.3903, 0.3757

Protanopia

19.5171, 0.3600, 0.3850

Deuteranopia

19.4636, 0.3855, 0.3782



Tritanopia

19.5237, 0.3548, 0.3157

Trichromacy



Original Color

19.5080, 0.3903, 0.3757

Protanomaly

19.5066, 0.3703, 0.3818

Deuteranomaly

19.5548, 0.3869, 0.3779

Tritanomaly

19.3984, 0.3679, 0.3360

Monochromacy



Original Color

19.5080, 0.3903, 0.3757

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.3840, 0.3387, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5080, 0.3903, 0.3757 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(148, 116, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 116, 89) }
```

Border

The CSS property to change the border of an element to Yxy 19.5080, 0.3903, 0.3757 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, 89) }
```

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

```
.border{ border-color:rgb(148, 116, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 116, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 116, 89);  
box-shadow:4px 4px 4px 4px rgb(148, 116,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5080, 0.3903, 0.3757 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, 89) }
```

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

```
.background{ background-color: rgb(148,  
116, 89) }
```

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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