

Converting Colors

$Y_{xy}(19.0851, 0.4109, 0.3793)$

Have a look what the booklet for
Yxy(19.0851, 0.4109, 0.3793)
contains.

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Color

Yxy(19.0676, 0.4105, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	9A7052
RGB	154, 112, 82
RGB Percent	60%, 44%, 32%
CMY	0.3961, 0.5607, 0.6784
CMYK	0.00, 0.27, 0.47, 0.40
HSL	25°, 31%, 46%
HSV	25°, 47%, 60%
XYZ	20.6415, 19.0676, 10.5747
YIQ	121.1380, 34.6620, -0.4260

Conversions

Conversions Part 2

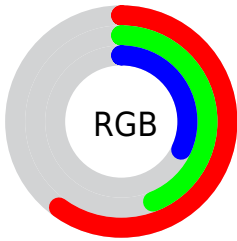
Format	Color
RYB	154, 133, 82
Decimal	10121298
CIELab	50.77, 12.76, 23.18
CIELCh	51, 26.460, 61.178
Yxy	19.0676, 0.4105, 0.3792
Android (android.graphics.Color)	4288311378 (0xFF9A7052)
YUV	121.1380, -19.2950, 28.8200
Hunter-Lab	43.6665, 7.9620, 16.2083

Details

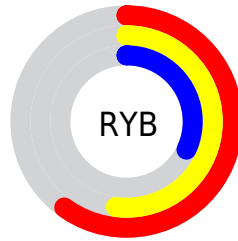
The Yxy color **19.0676, 0.4105, 0.3792** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.5350, 0.2417, 0.2713**, and the grayscale version is **19.2229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9185, 0.3877, 0.3692**, and **6.5671, 0.4506, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **16.9760, 0.4392, 0.3888**, and if you desaturate by 10%, it is **21.4113, 0.3844, 0.3685**.

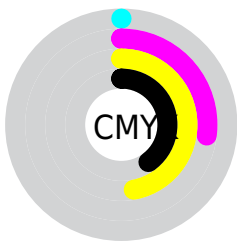
Distribution



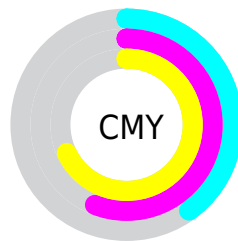
- Red (60%)
- Green (44%)
- Blue (32%)



- Red (60%)
- Yellow (52%)
- Blue (32%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (40%)





- Cyan (40%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0676, 0.4105, 0.3792 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 19.0676, 0.4105, 0.3792 by changing the saturation by 10% instead.


 19.0676, 0.4105,
0.3792


 19.0676, 0.4105,
0.3792


246.8217, 0.3543,
0.3524


 11.7191, 0.4273,
0.3860


 41.8483, 0.3881,
0.3693

 6.5527, 0.4505,
0.3943


 58.0493, 0.3803,
0.3656

 3.1840, 0.4842,
0.4039

 77.9700, 0.3740,
0.3625

 1.2285, 0.5656,
0.4344

 101.9947, 0.3687,
0.3599

 0.0848, 0.8221,
0.1779

 130.5078, 0.3643,
0.3576

 0.0000, 0.0000,
0.0000

163.8937, 0.3605,

0.3557

202.5369, 0.3572,
0.3539

■ 19.0676, 0.4105,
0.3792

■ 19.0676, 0.4105,
0.3792

■ 16.9760, 0.4392,
0.3888

■ 21.4113, 0.3844,
0.3685

■ 15.1243, 0.4696,
0.3961

■ 24.0131, 0.3612,
0.3573

■ 13.5036, 0.5003,
0.3999

■ 26.8821, 0.3408,
0.3463

■ 12.1027, 0.5292,
0.3992

■ 30.0263, 0.3232,
0.3358

■ 10.9079, 0.5545,
0.3936

■ 33.4531, 0.3080,
0.3259

■ 10.5578, 0.5625,
0.3915

■ 37.1697, 0.2949,
0.3167

■ 41.1832, 0.2836,
0.3082

■ 45.5001, 0.2738,
0.3004

■ 50.1269, 0.2654,
0.2933

Harmonies

Analogous

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



19.0676, 0.4061, 0.3404



19.0676, 0.4105, 0.3792



19.0676, 0.3869, 0.4094

Triad

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



19.0676, 0.4105, 0.3792



19.0676, 0.2527, 0.3551



19.0676, 0.2760, 0.2526

Complementary

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



19.0676, 0.4105, 0.3792



18.5350, 0.2417, 0.2713

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.



19.0676, 0.2401, 0.2512



19.0676, 0.4105, 0.3792



19.0676, 0.2274, 0.3059

Square

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



19.0676, 0.4105, 0.3792



19.0676, 0.2950, 0.3993



19.0676, 0.2232, 0.2690



19.0676, 0.3248, 0.2709

Rectangle

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



19.0676, 0.4105, 0.3792



19.0676, 0.3598, 0.4190



19.0676, 0.2232, 0.2690



19.0676, 0.2622, 0.2501

Sweetspot

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



19.0685, 0.4105, 0.3792



50.2068, 0.3363, 0.3437



14.3580, 0.3624, 0.2605



11.1104, 0.3400, 0.3458



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.



19.0685, 0.4105, 0.3792



30.7109, 0.4403, 0.3891



28.6533, 0.3839, 0.4324



6.6247, 0.3273, 0.3383



8.6711, 0.5612, 0.3926



0.1991, 0.4934, 0.4464

Inverse Universe

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



18.5350, 0.2417, 0.2713



29.5934, 0.2272, 0.2556



11.1055, 0.2288, 0.1985



6.5945, 0.2989, 0.3195



7.9020, 0.1860, 0.1896



0.1898, 0.2043, 0.2556

Previews

White Background



This preview shows how the Yxy color 19.0676, 0.4105, 0.3792 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 19.0676, 0.4105, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

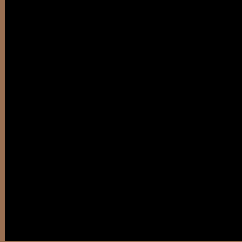
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0676, 0.4105, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 19.0676, 0.4105, 0.3792.



This preview shows how white text looks on a background with the Yxy color 19.0676, 0.4105, 0.3792.

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

19.0676, 0.4105, 0.3792

Protanopia

19.1719, 0.3678, 0.3944

Deuteranopia

19.1046, 0.3964, 0.3902



Tritanopia

19.1542, 0.3699, 0.3160

Trichromacy



Original Color

19.0676, 0.4105, 0.3792

Protanomaly

19.1017, 0.3817, 0.3886

Deuteranomaly

19.1514, 0.4013, 0.3876

Tritanomaly

19.0047, 0.3850, 0.3375

Monochromacy



Original Color

19.0676, 0.4105, 0.3792

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.0049, 0.3457, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0676, 0.4105, 0.3792 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(154, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(154, 112, 82)  
}
```

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(154, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 112, 82) }
```

Border

The CSS property to change the border of an element to Yxy 19.0676, 0.4105, 0.3792 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(154, 112, 82) }
```

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

```
.border{ border-color:rgb(154, 112, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 112, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(154, 112,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0676, 0.4105, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 112, 82) }
```

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

```
.background{ background-color: rgb(154,  
112, 82) }
```

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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