

Converting Colors

$Y_{xy}(19.2308, 0.4309, 0.3817)$

Have a look what the booklet for
Yxy(19.2308, 0.4309, 0.3817)
contains.

Yxy(19.1405, 0.4317, 0.3813)	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(19.1405, 0.4317, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	A26D4C
RGB	162, 109, 76
RGB Percent	64%, 43%, 30%
CMY	0.3648, 0.5725, 0.7020
CMYK	0.00, 0.33, 0.53, 0.36
HSL	23°, 36%, 47%
HSV	23°, 53%, 64%
XYZ	21.6705, 19.1405, 9.3870
YIQ	121.0850, 42.1810, 0.9730

Conversions

Conversions Part 2

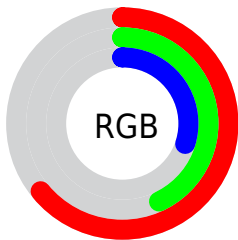
Format	Color
R _Y B	162, 130, 76
Decimal	10644812
CIE Lab	50.85, 17.30, 26.91
CIE LCh	51, 31.991, 57.257
Yxy	19.1405, 0.4317, 0.3813
Android (android.graphics.Color)	4288834892 (0xFFA26D4C)
YUV	121.0850, -22.2269, 35.8825
Hunter-Lab	43.7499, 11.8536, 17.9036

Details

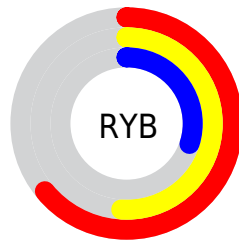
The Yxy color **19.1405, 0.4317, 0.3813** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.8325, 0.2335, 0.2671**, and the grayscale version is **19.2126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0305, 0.4048, 0.3726**, and **6.5622, 0.4783, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **16.9342, 0.4631, 0.3888**, and if you desaturate by 10%, it is **21.6471, 0.4027, 0.3720**.

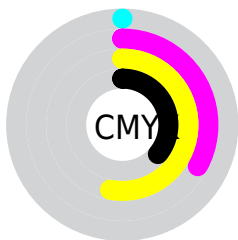
Distribution



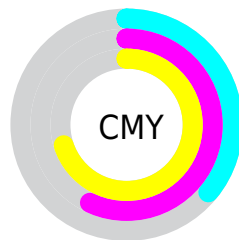
- Red (64%)
- Green (43%)
- Blue (30%)



- Red (64%)
- Yellow (51%)
- Blue (30%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (36%)





- Cyan (36%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1405, 0.4317, 0.3813 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 19.1405, 0.4317, 0.3813 by changing the saturation by 10% instead.


 19.1405, 0.4317,
0.3813

 19.1405, 0.4317,
0.3813


247.2233, 0.3635,
0.3546


 11.7718, 0.4517,
0.3873


 41.9714, 0.4047,
0.3718


 6.5885, 0.4790,
0.3938


 58.2024, 0.3952,
0.3681

 3.2061, 0.5198,
0.4011

 78.1563, 0.3875,
0.3650

 1.2403, 0.5908,
0.4092

 102.2175, 0.3811,
0.3623

 0.0942, 0.8446,
0.1554

 130.7704, 0.3757,
0.3600

 0.0000, 0.0000,
0.0000

164.1994, 0.3710,

0.3579

202.8889, 0.3670,
0.3561

■ 19.1405, 0.4317,
0.3813

■ 19.1405, 0.4317,
0.3813

■ 16.9342, 0.4631,
0.3888

■ 21.6471, 0.4027,
0.3720

■ 15.0130, 0.4956,
0.3932

■ 24.4626, 0.3767,
0.3618

■ 13.3644, 0.5271,
0.3935

■ 27.5990, 0.3540,
0.3515

■ 11.9734, 0.5550,
0.3888

■ 31.0665, 0.3343,
0.3414

■ 11.1479, 0.5724,
0.3837

■ 34.8749, 0.3174,
0.3318

■ 39.0337, 0.3029,
0.3229

■ 43.5517, 0.2905,
0.3147

■ 48.4376, 0.2799,
0.3071

■ 53.6999, 0.2707,
0.3002

Harmonies

Analogous

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



19.1405, 0.4223, 0.3350



19.1405, 0.4317, 0.3813



19.1405, 0.4063, 0.4207

Triad

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



19.1405, 0.4317, 0.3813



19.1405, 0.2461, 0.3685



19.1405, 0.2618, 0.2374

Complementary

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



19.1405, 0.4317, 0.3813



19.8325, 0.2335, 0.2671

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.



19.1405, 0.2225, 0.2379



19.1405, 0.4317, 0.3813



19.1405, 0.2138, 0.3072

Square

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



19.1405, 0.4317, 0.3813



19.1405, 0.2980, 0.4208



19.1405, 0.2059, 0.2609



19.1405, 0.3187, 0.2565

Rectangle

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



19.1405, 0.4317, 0.3813



19.1405, 0.3751, 0.4363



19.1405, 0.2059, 0.2609



19.1405, 0.2464, 0.2352

Sweetspot

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



19.1414, 0.4317, 0.3813



54.3217, 0.3403, 0.3446



14.4320, 0.3678, 0.2475



11.9225, 0.3441, 0.3466



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.1414, 0.4317, 0.3813



29.9647, 0.4700, 0.3900



30.6414, 0.3953, 0.4417



7.5112, 0.3276, 0.3377



8.8628, 0.5709, 0.3849



0.2760, 0.5069, 0.4357

Inverse Universe

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



19.8325, 0.2335, 0.2671



31.2926, 0.2182, 0.2498



10.8025, 0.2166, 0.1824



7.5521, 0.2987, 0.3202



9.2879, 0.1891, 0.2006



0.2824, 0.2035, 0.2525

Previews

White Background



This preview shows how the Yxy color 19.1405, 0.4317, 0.3813 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 19.1405, 0.4317, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

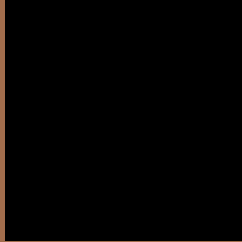
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1405, 0.4317, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 19.1405, 0.4317, 0.3813.



This preview shows how white text looks on a background with the Yxy color 19.1405, 0.4317, 0.3813.

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

19.1405, 0.4317, 0.3813

Protanopia

19.1744, 0.3751, 0.4032

Deuteranopia

19.2018, 0.4066, 0.3994



Tritanopia

19.0698, 0.3883, 0.3166

Trichromacy



Original Color

19.1405, 0.4317, 0.3813

Protanomaly

19.1267, 0.3954, 0.3959

Deuteranomaly

18.9937, 0.4160, 0.3926

Tritanomaly

19.1014, 0.4048, 0.3404

Monochromacy



Original Color

19.1405, 0.4317, 0.3813

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.9767, 0.3526, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1405, 0.4317, 0.3813 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(162, 109, 76)` looks like.

```
.text, #text, p{  
    color:rgb(162, 109, 76)  
}
```

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(162, 109, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 109, 76) }
```

Border

The CSS property to change the border of an element to Yxy 19.1405, 0.4317, 0.3813 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(162, 109, 76) }
```

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

```
.border{ border-color:rgb(162, 109, 76) }
```

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

Here you see how a box with a 4 pixel rgb(162, 109, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 109, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 109, 76);  
box-shadow:4px 4px 4px 4px rgb(162, 109,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1405, 0.4317, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 109, 76) }
```

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

```
.background{ background-color: rgb(162,  
109, 76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor