

Converting Colors

$Y_{xy}(19.3807, 0.4155, 0.3479)$

Have a look what the booklet for
Yxy(19.3807, 0.4155, 0.3479)
contains.

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Color

Yxy(19.3317, 0.4161, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	A76A5E
RGB	167, 106, 94
RGB Percent	65%, 42%, 37%
CMY	0.3450, 0.5843, 0.6313
CMYK	0.00, 0.37, 0.44, 0.35
HSL	10°, 29%, 51%
HSV	10°, 44%, 65%
XYZ	23.1147, 19.3317, 13.1044
YIQ	122.8710, 40.2080, 9.2000

Conversions

Conversions Part 2

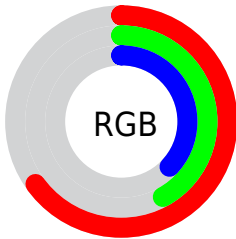
Format	Color
RYB	167, 108, 94
Decimal	10971742
CIELab	51.07, 22.99, 16.90
CIELCh	51, 28.530, 36.320
Yxy	19.3317, 0.4161, 0.3480
Android (android.graphics.Color)	4289161822 (0xFFA76A5E)
YUV	122.8710, -14.2334, 38.7011
Hunter-Lab	43.9678, 16.8971, 13.1063

Details

The Yxy color **19.3317, 0.4161, 0.3480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6270, 0.2513, 0.3084**, and the grayscale version is **19.8010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3146, 0.3924, 0.3459**, and **6.6843, 0.4585, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **16.4178, 0.4525, 0.3518**, and if you desaturate by 10%, it is **22.7809, 0.3847, 0.3436**.

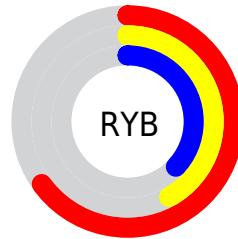
Distribution



Red (65%)

Green (42%)

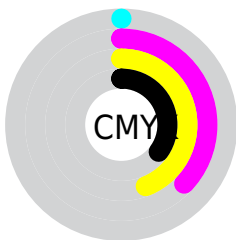
Blue (37%)



Red (65%)

Yellow (42%)

Blue (37%)

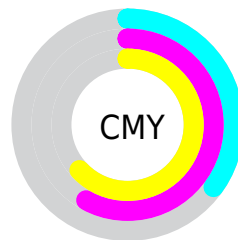


Cyan (0%)

Magenta (37%)

Yellow (44%)

Black (35%)



Cyan (35%)


Magenta (58%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3317, 0.4161, 0.3480 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 19.3317, 0.4161, 0.3480 by changing the saturation by 10% instead.


 19.3317, 0.4161,
0.3480


 19.3317, 0.4161,
0.3480


248.2739, 0.3564,
0.3392


 11.9102, 0.4343,
0.3495


 42.2938, 0.3921,
0.3452


 6.6826, 0.4599,
0.3506


 58.6033, 0.3838,
0.3440

 3.2644, 0.4981,
0.3501

 78.6442, 0.3771,
0.3429

 1.2713, 0.5926,
0.3635

 102.8009, 0.3715,
0.3420

 0.1188, 0.8502,
0.1498

131.4578, 0.3668,
0.3412

 0.0000, 0.0000,
0.0000

164.9993, 0.3628,

0.3404

203.8099, 0.3594,
0.3398

■ 19.3317, 0.4161,
0.3480

■ 19.3317, 0.4161,
0.3480

■ 16.4178, 0.4525,
0.3518

■ 22.7809, 0.3847,
0.3436

■ 14.0093, 0.4931,
0.3542

■ 26.7875, 0.3584,
0.3391

■ 12.0782, 0.5354,
0.3547

■ 31.3757, 0.3366,
0.3347

■ 10.5919, 0.5751,
0.3523

■ 36.5677, 0.3186,
0.3305

■ 9.5141, 0.6069,
0.3471

■ 42.3843, 0.3037,
0.3266

■ 9.0210, 0.6227,
0.3437

■ 48.8453, 0.2915,
0.3231

■ 55.9698, 0.2813,
0.3199

■ 63.7760, 0.2728,
0.3170

■ 72.2813, 0.2656,
0.3143

Harmonies

Analogous

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



19.3317, 0.3859, 0.3067



19.3317, 0.4161, 0.3480



19.3317, 0.4151, 0.3886

Triad

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



19.3317, 0.4161, 0.3480



19.3317, 0.2848, 0.3982



19.3317, 0.2404, 0.2449

Complementary

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



19.3317, 0.4161, 0.3480



28.6270, 0.2513, 0.3084

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.



19.3317, 0.2188, 0.2599



19.3317, 0.4161, 0.3480



19.3317, 0.2424, 0.3475

Square

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



19.3317, 0.4161, 0.3480



19.3317, 0.3371, 0.4249



19.3317, 0.2193, 0.2958



19.3317, 0.2816, 0.2498

Rectangle

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



19.3317, 0.4161, 0.3480



19.3317, 0.3978, 0.4107



19.3317, 0.2193, 0.2958



19.3317, 0.2308, 0.2475

Sweetspot

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



19.3327, 0.4161, 0.3480



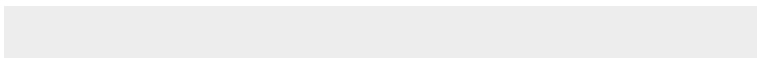
56.5961, 0.3356, 0.3344



18.6276, 0.3315, 0.2379



12.2489, 0.3399, 0.3354



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.3327, 0.4161, 0.3480



29.7653, 0.4496, 0.3515



28.2144, 0.3917, 0.4010



7.7339, 0.3282, 0.3328



6.9512, 0.6214, 0.3448



0.2256, 0.5696, 0.3859

Inverse Universe

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



28.6270, 0.2513, 0.3084



48.4455, 0.2408, 0.3033



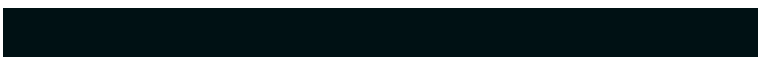
18.4992, 0.2404, 0.2436



8.3193, 0.2987, 0.3252



16.4567, 0.2102, 0.2768



0.4545, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 19.3317, 0.4161, 0.3480 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 19.3317, 0.4161, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

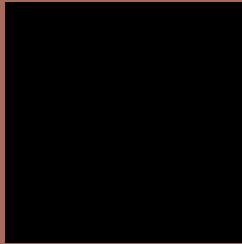
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3317, 0.4161, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 19.3317, 0.4161, 0.3480.



This preview shows how white text looks on a background with the Yxy color 19.3317, 0.4161, 0.3480.

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

19.3317, 0.4161, 0.3480

Protanopia

19.5258, 0.3464, 0.3684

Deuteranopia

19.4246, 0.3803, 0.3732



Tritanopia

19.1730, 0.3944, 0.3168

Trichromacy



Original Color

19.3317, 0.4161, 0.3480

Protanomaly

19.2123, 0.3717, 0.3611

Deuteranomaly

19.2760, 0.3924, 0.3631

Tritanomaly

19.2454, 0.4027, 0.3277

Monochromacy



Original Color

19.3317, 0.4161, 0.3480

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.3814, 0.3477, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3317, 0.4161, 0.3480 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(167, 106, 94)` looks like.

```
.text, #text, p{  
    color:rgb(167, 106, 94)  
}
```

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(167, 106, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 106, 94) }
```

Border

The CSS property to change the border of an element to Yxy 19.3317, 0.4161, 0.3480 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(167, 106, 94) }
```

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

```
.border{ border-color:rgb(167, 106, 94) }
```

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

Here you see how a box with a 4 pixel rgb(167, 106, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 106, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 106, 94);  
box-shadow:4px 4px 4px 4px rgb(167, 106,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3317, 0.4161, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 106, 94) }
```

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

```
.background{ background-color: rgb(167,  
106, 94) }
```

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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