

Converting Colors

$Y_{xy}(19.4492, 0.4382, 0.3671)$

Have a look what the booklet for
Yxy(19.4492, 0.4382, 0.3671)
contains.

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Color

Yxy(19.4482, 0.4382, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	AA6A51
RGB	170, 106, 81
RGB Percent	67%, 42%, 32%
CMY	0.3334, 0.5843, 0.6824
CMYK	0.00, 0.38, 0.52, 0.33
HSL	17°, 35%, 49%
HSV	17°, 52%, 67%
XYZ	23.2149, 19.4482, 10.3148
YIQ	122.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

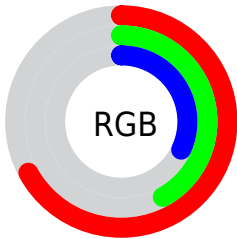
Format	Color
R_{YB}	170, 116, 81
Decimal	11168337
CIE Lab	51.21, 22.86, 24.70
CIE LCh	51, 33.656, 47.221
Yxy	19.4482, 0.4382, 0.3671
Android (android.graphics.Color)	4289358417 (0xFFAA6A51)
YUV	122.2860, -20.3540, 41.8452
Hunter-Lab	44.1001, 16.7898, 17.0024

Details

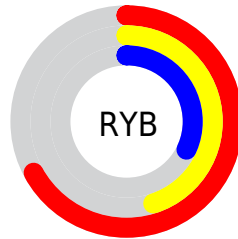
The Yxy color **19.4482, 0.4382, 0.3671** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.8951, 0.2376, 0.2848**, and the grayscale version is **19.6177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5864, 0.4093, 0.3607**, and **6.7309, 0.4871, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **16.8830, 0.4738, 0.3723**, and if you desaturate by 10%, it is **22.4382, 0.4060, 0.3603**.

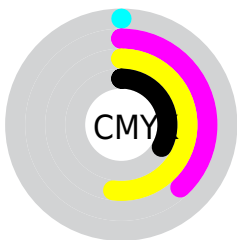
Distribution



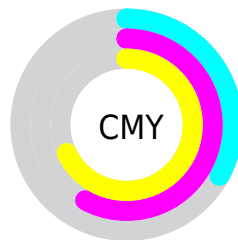
- Red (67%)
- Green (42%)
- Blue (32%)



- Red (67%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (33%)





- Cyan (33%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4482, 0.4382, 0.3671 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 19.4482, 0.4382, 0.3671 by changing the saturation by 10% instead.


 19.4482, 0.4382,
0.3671


 19.4482, 0.4382,
0.3671


248.9120, 0.3662,
0.3488


 11.9946, 0.4595,
0.3706


 42.4901, 0.4096,
0.3610


 6.7400, 0.4888,
0.3737


 58.8472, 0.3996,
0.3585

 3.3000, 0.5311,
0.3747

 78.9408, 0.3914,
0.3563

 1.2903, 0.6186,
0.3814

 103.1555, 0.3847,
0.3544

 0.1337, 0.8367,
0.1633

 131.8755, 0.3789,
0.3527

 0.0000, 0.0000,
0.0000

165.4854, 0.3741,

0.3512

204.3694, 0.3698,
0.3499

■ 19.4482, 0.4382,
0.3671

■ 19.4482, 0.4382,
0.3671

■ 16.8830, 0.4738,
0.3723

■ 22.4382, 0.4060,
0.3603

■ 14.7197, 0.5112,
0.3749

■ 25.8687, 0.3779,
0.3528

■ 12.9376, 0.5476,
0.3737

■ 29.7580, 0.3538,
0.3451

■ 11.5126, 0.5792,
0.3681

■ 34.1226, 0.3335,
0.3376

■ 10.6404, 0.5997,
0.3621

■ 38.9780, 0.3163,
0.3306

■ 44.3393, 0.3019,
0.3241

■ 50.2206, 0.2898,
0.3181

■ 56.6355, 0.2795,
0.3126

■ 63.5973, 0.2708,
0.3076

Harmonies

Analogous

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



19.4482, 0.4158, 0.3190



19.4482, 0.4382, 0.3671



19.4482, 0.4227, 0.4121

Triad

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



19.4482, 0.4382, 0.3671



19.4482, 0.2594, 0.3914



19.4482, 0.2434, 0.2314

Complementary

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



19.4482, 0.4382, 0.3671



24.8951, 0.2376, 0.2848

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.



19.4482, 0.2103, 0.2392



19.4482, 0.4382, 0.3671



19.4482, 0.2181, 0.3265

Square

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



19.4482, 0.4382, 0.3671



19.4482, 0.3176, 0.4365



19.4482, 0.2015, 0.2712



19.4482, 0.2975, 0.2449

Rectangle

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



19.4482, 0.4382, 0.3671



19.4482, 0.3950, 0.4344



19.4482, 0.2015, 0.2712



19.4482, 0.2298, 0.2315

Sweetspot

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



19.4492, 0.4382, 0.3671



58.6952, 0.3411, 0.3405



16.5130, 0.3511, 0.2345



12.7372, 0.3451, 0.3420



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



19.4492, 0.4382, 0.3671



29.8804, 0.4804, 0.3730



30.7048, 0.4021, 0.4280



7.8729, 0.3279, 0.3354



7.9120, 0.5977, 0.3636



0.2774, 0.5349, 0.4135

Inverse Universe

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



24.8951, 0.2376, 0.2848



40.7525, 0.2243, 0.2729



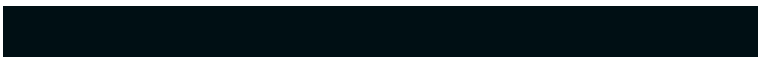
14.1077, 0.2215, 0.2032



8.1703, 0.2987, 0.3225



12.5115, 0.1991, 0.2366



0.3842, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 19.4482, 0.4382, 0.3671 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 19.4482, 0.4382, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

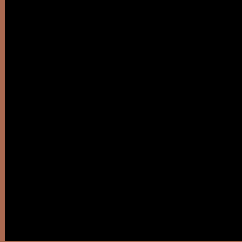
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4482, 0.4382, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 19.4482, 0.4382, 0.3671.



This preview shows how white text looks on a background with the Yxy color 19.4482, 0.4382, 0.3671.

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

19.4482, 0.4382, 0.3671

Protanopia

19.5292, 0.3661, 0.3921

Deuteranopia

19.4901, 0.4008, 0.3945



Tritanopia

19.3992, 0.4018, 0.3171

Trichromacy



Original Color

19.4482, 0.4382, 0.3671

Protanomaly

19.2577, 0.3927, 0.3831

Deuteranomaly

19.3580, 0.4137, 0.3837

Tritanomaly

19.2593, 0.4162, 0.3354

Monochromacy



Original Color

19.4482, 0.4382, 0.3671

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0413, 0.3545, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4482, 0.4382, 0.3671 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(170, 106, 81)` looks like.

```
.text, #text, p{  
    color:rgb(170, 106, 81)  
}
```

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(170, 106, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 106, 81) }
```

Border

The CSS property to change the border of an element to Yxy 19.4482, 0.4382, 0.3671 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(170, 106, 81) }
```

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

```
.border{ border-color:rgb(170, 106, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 106, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 106, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 106, 81);  
box-shadow:4px 4px 4px 4px rgb(170, 106,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4482, 0.4382, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 106, 81) }
```

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

```
.background{ background-color: rgb(170,  
106, 81) }
```

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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