

Converting Colors

$Y_{xy}(19.3298, 0.4623, 0.4064)$

Have a look what the booklet for
Yxy(19.3298, 0.4623, 0.4064)
contains.

Yxy(19.4286, 0.4630, 0.4071)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.4286, 0.4630, 0.4071)

Conversions

Conversions Part 1

Format	Color
Hex	A76D37
RGB	167, 109, 55
RGB Percent	65%, 43%, 22%
CMY	0.3451, 0.5726, 0.7843
CMYK	0.00, 0.35, 0.67, 0.35
HSL	29°, 50%, 44%
HSV	29°, 67%, 65%
XYZ	22.0964, 19.4286, 6.1994
YIQ	120.1860, 51.9020, -4.4980

Conversions

Conversions Part 2

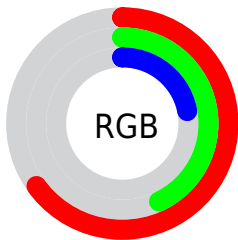
Format	Color
R_{YB}	167, 159, 55
Decimal	10972471
CIE _{Lab}	51.18, 17.85, 38.89
CIE _{LCh}	51, 42.796, 65.345
Yxy	19.4286, 0.4630, 0.4071
Android (android.graphics.Color)	4289162551 (0xFFA76D37)
YUV	120.1860, -32.1367, 41.0559
Hunter-Lab	44.0779, 12.3464, 22.5156

Details

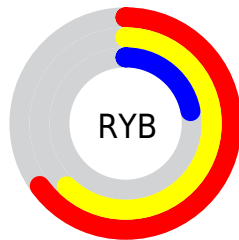
The Yxy color **19.4286, 0.4630, 0.4071** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.4152, 0.2106, 0.2245**, and the grayscale version is **18.9380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4968, 0.4300, 0.3948**, and **6.7301, 0.5153, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **17.5401, 0.4906, 0.4120**, and if you desaturate by 10%, it is **21.5549, 0.4351, 0.3985**.

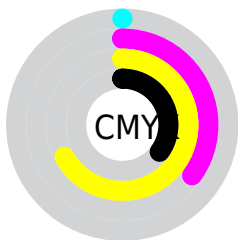
Distribution



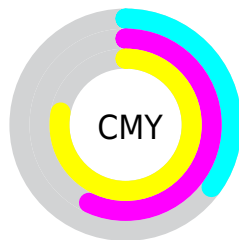
- Red (65%)
- Green (43%)
- Blue (22%)



- Red (65%)
- Yellow (62%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (67%)
- Black (35%)





- Cyan (35%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.4286, 0.4630, 0.4071 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 19.4286, 0.4630, 0.4071 by changing the saturation by 10% instead.


 19.4286, 0.4630,
0.4071


 19.4286, 0.4630,
0.4071


248.8048, 0.3790,
0.3688


 11.9804, 0.4856,
0.4142


 42.4571, 0.4308,
0.3943


 6.7303, 0.5144,
0.4205


 58.8061, 0.4191,
0.3891


 3.2940, 0.5661,
0.4339

 78.8909, 0.4095,
0.3845

 1.2871, 0.5926,
0.4074

 103.0959, 0.4014,
0.3805

 0.1312, 0.8103,
0.1897

 131.8053, 0.3945,
0.3770

 0.0000, 0.0000,
0.0000

 165.4037, 0.3886,

0.3739

204.2754, 0.3834,
0.3712

■ 19.4286, 0.4630,
0.4071

■ 19.4286, 0.4630,
0.4071

■ 17.5401, 0.4906,
0.4120

■ 21.5549, 0.4351,
0.3985

■ 15.8755, 0.5162,
0.4122

■ 23.9260, 0.4084,
0.3875

■ 14.4216, 0.5384,
0.4073

■ 26.5521, 0.3835,
0.3751

■ 14.0298, 0.5448,
0.4056

■ 29.4418, 0.3611,
0.3622

■ 32.6031, 0.3412,
0.3495

■ 36.0438, 0.3237,
0.3372

■ 39.7713, 0.3085,
0.3257

■ 43.7926, 0.2952,
0.3150

■ 48.1146, 0.2836,
0.3050

Harmonies

Analogous

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



19.4286, 0.4665, 0.3489



19.4286, 0.4630, 0.4071



19.4286, 0.4169, 0.4573

Triad

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



19.4286, 0.4630, 0.4071



19.4286, 0.2110, 0.3578



19.4286, 0.2634, 0.2167

Complementary

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



19.4286, 0.4630, 0.4071



15.4152, 0.2106, 0.2245

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.



19.4286, 0.2073, 0.2093



19.4286, 0.4630, 0.4071



19.4286, 0.1799, 0.2783

Square

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



19.4286, 0.4630, 0.4071



19.4286, 0.2710, 0.4394



19.4286, 0.1793, 0.2283



19.4286, 0.3416, 0.2462

Rectangle

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



19.4286, 0.4630, 0.4071



19.4286, 0.3715, 0.4755



19.4286, 0.1793, 0.2283



19.4286, 0.2417, 0.2116

Sweetspot

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



19.4296, 0.4630, 0.4071



56.4628, 0.3475, 0.3537



12.1807, 0.4078, 0.2437



12.2918, 0.3529, 0.3571



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.



19.4296, 0.4630, 0.4071



30.0550, 0.5022, 0.4128



34.7857, 0.4061, 0.4744



8.1168, 0.3274, 0.3399



10.8315, 0.5433, 0.4068



0.3664, 0.4924, 0.4472

Inverse Universe

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



15.4152, 0.2106, 0.2245



22.3355, 0.1941, 0.1979



6.7030, 0.1866, 0.1238



7.9191, 0.2987, 0.3178



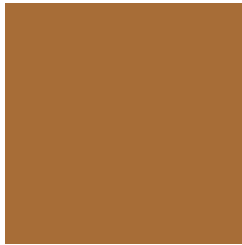
7.3867, 0.1796, 0.1666



0.2814, 0.1960, 0.2255

Previews

White Background



This preview shows how the Yxy color 19.4286, 0.4630, 0.4071 looks on a white background.

Color Contrast Check

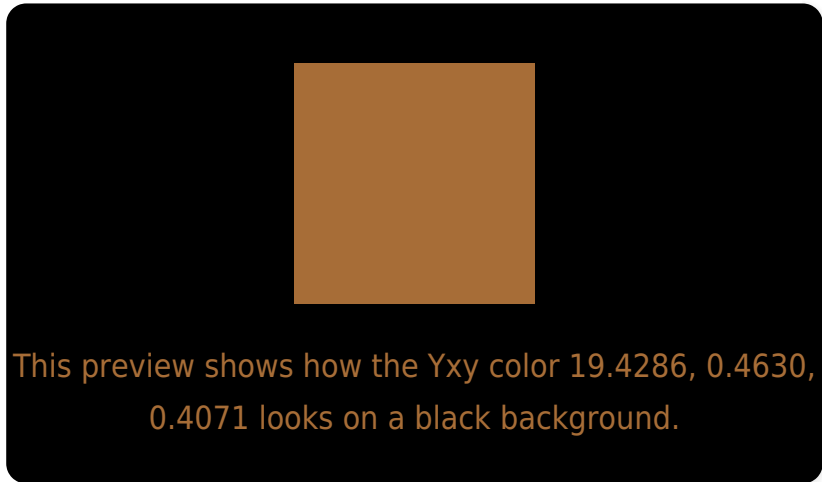
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 19.4286, 0.4630, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 19.4286, 0.4630, 0.4071.



This preview shows how white text looks on a background with the Yxy color 19.4286, 0.4630, 0.4071.

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

19.4286, 0.4630, 0.4071

Protanopia

19.3857, 0.4025, 0.4399

Deuteranopia

19.4232, 0.4376, 0.4285



Tritanopia

19.4842, 0.3999, 0.3185

Trichromacy



Original Color

19.4286, 0.4630, 0.4071

Protanomaly

19.2311, 0.4248, 0.4265

Deuteranomaly

19.2447, 0.4466, 0.4198

Tritanomaly

19.3874, 0.4265, 0.3522

Monochromacy



Original Color

19.4286, 0.4630, 0.4071

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.6537, 0.3661, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4286, 0.4630, 0.4071 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, 109, 55)` looks like.

```
.text, #text, p{  
    color:rgb(167, 109, 55)  
}
```

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, 109, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 109, 55) }
```

Border

The CSS property to change the border of an element to Yxy 19.4286, 0.4630, 0.4071 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, 109, 55) }
```

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

```
.border{ border-color:rgb(167, 109, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 109, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 109, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 109, 55);  
box-shadow:4px 4px 4px 4px rgb(167, 109,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4286, 0.4630, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 109, 55) }
```

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

```
.background{ background-color: rgb(167,  
109, 55) }
```

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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