

Converting Colors

$Y_{xy}(26.8210, 0.4619, 0.3914)$

Have a look what the booklet for
Yxy(26.8210, 0.4619, 0.3914)
contains.

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Color

Yxy(26.9155, 0.4622, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	C67C4A
RGB	198, 124, 74
RGB Percent	78%, 49%, 29%
CMY	0.2236, 0.5136, 0.7098
CMYK	0.00, 0.37, 0.63, 0.22
HSL	24°, 52%, 53%
HSV	24°, 63%, 78%
XYZ	31.7275, 26.9155, 10.0015
YIQ	140.4260, 60.1540, 0.1380

Conversions

Conversions Part 2

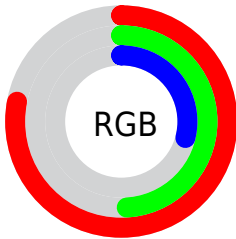
Format	Color
R_{YB}	198, 158, 74
Decimal	13007946
CIE _{Lab}	58.90, 24.02, 38.89
CIE _{LCh}	59, 45.710, 58.302
Yxy	26.9155, 0.4622, 0.3921
Android (android.graphics.Color)	4291198026 (0xFFC67C4A)
YUV	140.4260, -32.7480, 50.4924
Hunter-Lab	51.8802, 18.3720, 24.8861

Details

The Yxy color **26.9155, 0.4622, 0.3921** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **26.6980, 0.2193, 0.2481**, and the grayscale version is **26.5136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1595, 0.4295, 0.3839**, and **10.5521, 0.5103, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **23.9051, 0.4942, 0.3969**, and if you desaturate by 10%, it is **30.3671, 0.4310, 0.3842**.

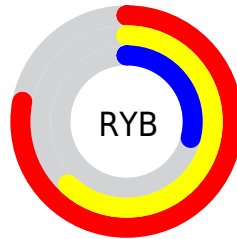
Distribution



Red (78%)

Green (49%)

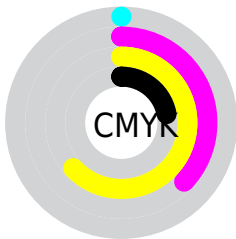
Blue (29%)



Red (78%)

Yellow (62%)

Blue (29%)

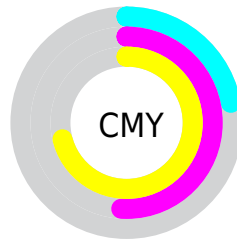


Cyan (0%)

Magenta (37%)

Yellow (63%)

Black (22%)



Cyan (22%)


Magenta (51%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9155, 0.4622, 0.3921 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 26.9155, 0.4622, 0.3921 by changing the saturation by 10% instead.


 26.9155, 0.4622,
0.3921


 26.9155, 0.4622,
0.3921


287.2478, 0.3818,
0.3636


 17.5098, 0.4830,
0.3969


 54.7482, 0.4321,
0.3831


 10.5986, 0.5096,
0.4011


 73.9440, 0.4210,
0.3793


 5.7976, 0.5440,
0.4029

 97.1720, 0.4117,
0.3758

 2.7224, 0.5972,
0.4028

 124.8165, 0.4039,
0.3728

 0.9886, 0.6353,
0.3647

 157.2619, 0.3972,
0.3701

 0.0000, 1.0000,
0.0000

194.8927, 0.3914,

 0.0000, 0.0000,

0.3677

0.0000

238.0932, 0.3863,
0.3655

■ 26.9155, 0.4622,
0.3921

■ 26.9155, 0.4622,
0.3921

■ 23.9051, 0.4942,
0.3969

■ 30.3671, 0.4310,
0.3842

■ 21.3113, 0.5250,
0.3972

■ 34.2748, 0.4022,
0.3743

■ 19.1123, 0.5522,
0.3923

■ 38.6577, 0.3762,
0.3635

■ 17.7213, 0.5695,
0.3860

■ 43.5324, 0.3535,
0.3525

■ 48.9145, 0.3337,
0.3417

■ 54.8191, 0.3168,
0.3316

■ 61.2605, 0.3022,
0.3221

■ 68.2523, 0.2897,
0.3133

■ 75.8078, 0.2790,
0.3053

Harmonies

Analogous

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



26.9155, 0.4538, 0.3356



26.9155, 0.4622, 0.3921



26.9155, 0.4266, 0.4432

Triad

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



26.9155, 0.4622, 0.3921



26.9155, 0.2264, 0.3765



26.9155, 0.2504, 0.2168

Complementary

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



26.9155, 0.4622, 0.3921



26.6980, 0.2193, 0.2481

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.



26.9155, 0.2023, 0.2155



26.9155, 0.4622, 0.3921



26.9155, 0.1891, 0.2966

Square

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



26.9155, 0.4622, 0.3921



26.9155, 0.2895, 0.4476



26.9155, 0.1815, 0.2408



26.9155, 0.3219, 0.2408

Rectangle

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



26.9155, 0.4622, 0.3921



26.9155, 0.3861, 0.4656



26.9155, 0.1815, 0.2408



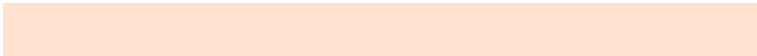
26.9155, 0.2314, 0.2137

Sweetspot

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



26.9169, 0.4622, 0.3921



80.1888, 0.3466, 0.3488



19.0504, 0.3870, 0.2370



16.5889, 0.3526, 0.3520



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.9169, 0.4622, 0.3921



40.6510, 0.5053, 0.3975



47.4366, 0.4083, 0.4612



11.3277, 0.3280, 0.3384



11.6859, 0.5671, 0.3879



0.6947, 0.5292, 0.4180

Inverse Universe

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



26.6980, 0.2193, 0.2481



40.0782, 0.2041, 0.2270



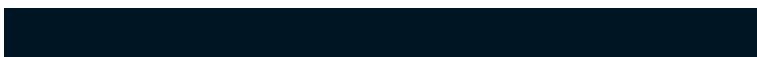
12.2513, 0.1960, 0.1467



11.3219, 0.2983, 0.3195



11.2668, 0.1868, 0.1924



0.6728, 0.1956, 0.2240

Previews

White Background



This preview shows how the Yxy color 26.9155, 0.4622, 0.3921 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 26.9155, 0.4622, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

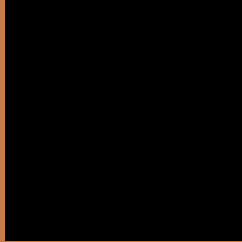
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9155, 0.4622, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 26.9155, 0.4622, 0.3921.



This preview shows how white text looks on a background with the Yxy color 26.9155, 0.4622, 0.3921.

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

26.9155, 0.4622, 0.3921

Protanopia

26.9931, 0.3922, 0.4263

Deuteranopia

26.8968, 0.4288, 0.4197



Tritanopia

26.8807, 0.4071, 0.3188

Trichromacy



Original Color

26.9155, 0.4622, 0.3921

Protanomaly

26.5359, 0.4174, 0.4128

Deuteranomaly

26.7678, 0.4408, 0.4095

Tritanomaly

26.7738, 0.4294, 0.3464

Monochromacy



Original Color

26.9155, 0.4622, 0.3921

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8882, 0.3643, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9155, 0.4622, 0.3921 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(198, 124, 74)` looks like.

```
.text, #text, p{  
    color:rgb(198, 124, 74)  
}
```

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(198, 124, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 124, 74) }
```

Border

The CSS property to change the border of an element to Yxy 26.9155, 0.4622, 0.3921 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(198, 124, 74) }
```

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

```
.border{ border-color:rgb(198, 124, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 124, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 124, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 124, 74);  
box-shadow:4px 4px 4px 4px rgb(198, 124,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9155, 0.4622, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 124, 74) }
```

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

```
.background{ background-color: rgb(198,  
124, 74) }
```

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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