

Converting Colors

YUV(103.0470, -24.6732,
27.1458)

Have a look what the booklet for
YUV(103.0470, -24.6732, 27.1458)
contains.

YUV(103.0470, -24.6732, 27.1458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.0470, -24.6732,
27.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	866135
RGB	134, 97, 53
RGB Percent	53%, 38%, 21%
CMY	0.4745, 0.6196, 0.7922
CMYK	0.00, 0.28, 0.60, 0.47
HSL	33°, 43%, 37%
HSV	33°, 60%, 53%
XYZ	14.7488, 13.8748, 5.2689
YIQ	103.0470, 36.1760, -5.8400

Conversions

Conversions Part 2

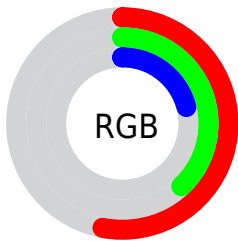
Format	Color
R_{YB}	121, 134, 53
Decimal	8806709
CIE Lab	44.05, 9.84, 30.66
CIE LCh	44, 32.197, 72.211
Yxy	13.8748, 0.4352, 0.4094
Android (android.graphics.Color)	4286996789 (0xFF866135)
YUV	103.0470, -24.6732, 27.1458
Hunter-Lab	37.2488, 5.4922, 17.6875

Details

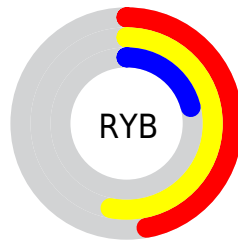
The YUV color **103.0470, -24.6732, 27.1458** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **83.9530, 24.6732, -27.1458**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2000, -26.7206, 30.5196**, and **54.9540, -23.6413, 22.8423** is the 20% darker color. If you saturate the color by 10%, you get **98.0430, -28.6152, 31.5343**, and if you desaturate by 10%, it is **108.0510, -20.7311, 22.7573**.

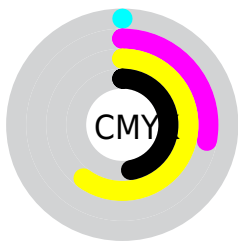
Distribution



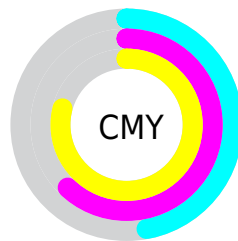
- Red (53%)
- Green (38%)
- Blue (21%)



- Red (47%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0470, -24.6732, 27.1458 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 YUV color 103.0470, -24.6732, 27.1458 by changing the saturation by 10% instead.

■ 103.0470,
-24.6732, 27.1458

■ 103.0470,
-24.6732, 27.1458

■ 255.0000, 0.0000,
0.0000

■ 78.2640, -23.7942,
25.2015

■ 155.2000,
-26.7206, 30.5196

■ 54.9540, -23.6413,
22.8423

■ 181.6840,
-27.4522, 31.8491

■ 34.3540, -16.9365,
18.9835

■ 210.0540,
-28.6206, 33.2786

■ 13.0900, -6.4534,
16.5841

■ 231.6610,
-25.9619, 20.4683

■ 0.0000, 0.0000,
0.0000

■ 249.5280,
-20.9663, 4.7989

■ 252.7200, -8.7360,

1.9996

■ 103.0470,
-24.6732, 27.1458

■ 103.0470,
-24.6732, 27.1458

■ 98.0430, -28.6152,
31.5343

■ 108.0510,
-20.7311, 22.7573

■ 92.9250, -32.9940,
36.0228

■ 113.1690,
-16.3523, 18.2688

■ 87.9210, -36.9361,
40.4113

■ 118.1730,
-12.4103, 13.8803

■ 82.9170, -40.8781,
44.7998

■ 123.2910, -8.0315,
9.3918

■ 128.8820, -4.3788,
4.4885

■ 133.8860, -0.4368,
0.1000

■ 139.0040, 3.9420,
-4.3885

■ 144.0080, 7.8841,
-8.7770

■ 149.1260, 12.2629,
-13.2655

Harmonies

Analogous

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



104.3720, -17.4384, 40.0158



103.0470, -24.6732, 27.1458



100.8120, -25.0503, 8.0579

Triad

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



103.0470, -24.6732, 27.1458



82.3760, 16.0836, -72.2438



107.1860, 18.1493, 12.1149

Complementary

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



103.0470, -24.6732, 27.1458



83.9530, 24.6732, -27.1458

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.



102.4640, 26.3932, -18.8239



103.0470, -24.6732, 27.1458



83.9380, 27.1456, -73.6136

Square

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



103.0470, -24.6732, 27.1458



91.4540, -2.1958, -42.4942



85.8170, 34.1072, -66.4915



106.7560, 7.0223, 34.4170

Rectangle

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



103.0470, -24.6732, 27.1458



98.8640, -20.6390, -6.8967



85.8170, 34.1072, -66.4915



105.9290, 21.2340, 2.6933

Sweetspot

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



103.0470, -24.6732, 27.1458



161.2480, -9.4893, 10.3065



81.5510, 4.6584, 45.9978



79.5510, -5.6946, 6.5328



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



103.0470, -24.6732, 27.1458



125.1770, -38.5413, 41.9408



123.8690, -34.9384, 6.2539



63.5550, -1.7526, 2.1443



80.5470, -39.7097, 43.3703



1.4840, -0.7316, 1.3295

Inverse Universe

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



83.9530, 24.6732, -27.1458



95.4100, 38.2519, -42.4556



63.1310, 34.9384, -6.2539



62.4450, 1.7526, -2.1443



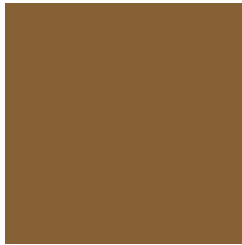
49.4530, 39.7097, -43.3703



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 103.0470, -24.6732, 27.1458 looks on a white 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

Black Background



This preview shows how the YUV color 103.0470, -24.6732, 27.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

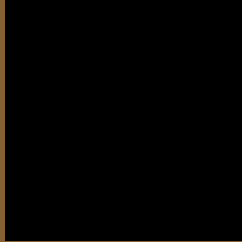
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0470, -24.6732, 27.1458

Background



This preview shows how black text looks on a background with the YUV color 103.0470, -24.6732, 27.1458.



This preview shows how white text looks on a background with the YUV color 103.0470, -24.6732, 27.1458.

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

103.0470, -24.6732, 27.1458

Protanopia

102.4040, -22.8772, 11.0467

Deuteranopia

102.3130, -24.8043, 22.5275



Tritanopia

106.2530, -3.5757, 26.9651

Trichromacy



Original Color

103.0470, -24.6732, 27.1458

Protanomaly

102.6220, -23.4776, 16.9945

Deuteranomaly

102.3240, -24.8097, 24.2719

Tritanomaly

105.1900, -11.4327, 27.0204

Monochromacy



Original Color

103.0470, -24.6732, 27.1458

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0630, -8.9051, 9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0470, -24.6732, 27.1458 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(134, 97, 53)` looks like.

```
.text, #text, p{  
    color:rgb(134, 97, 53)  
}
```

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(134, 97, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 53) }
```

Border

The CSS property to change the border of an element to YUV 103.0470, -24.6732, 27.1458 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(134, 97, 53) }
```


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

```
.border{ border-color:rgb(134, 97, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 97, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 53);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 103.0470, -24.6732, 27.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 53) }
```

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

```
.background{ background-color: rgb(134, 97,  
53) }
```

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