

Converting Colors

YUV(108.4190, -15.4896,
21.5575)

Have a look what the booklet for
YUV(108.4190, -15.4896, 21.5575)
contains.

YUV(108.4190, -15.4896, 21.5575)	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(108.4190, -15.4896,
21.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	85664D
RGB	133, 102, 77
RGB Percent	52%, 40%, 30%
CMY	0.4784, 0.6000, 0.6980
CMYK	0.00, 0.23, 0.42, 0.48
HSL	27°, 27%, 41%
HSV	27°, 42%, 52%
XYZ	15.7638, 15.0251, 9.0905
YIQ	108.4190, 26.5010, -1.2030

Conversions

Conversions Part 2

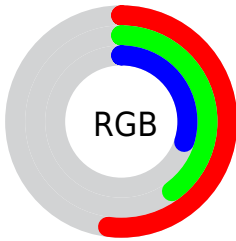
Format	Color
R _Y B	133, 122, 77
Decimal	8742477
CIE Lab	45.67, 8.90, 18.91
CIE LCh	46, 20.902, 64.802
Yxy	15.0251, 0.3953, 0.3768
Android (android.graphics.Color)	4286932557 (0xFF85664D)
YUV	108.4190, -15.4896, 21.5575
Hunter-Lab	38.7622, 4.7583, 13.2289

Details

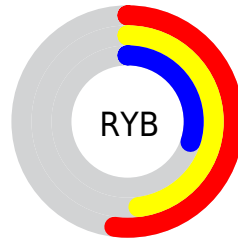
The YUV color **108.4190, -15.4896, 21.5575** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **101.5810, 15.4896, -21.5575**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0880, -16.8054, 23.6018**, and **60.4510, -14.0263, 18.8985** is the 20% darker color. If you saturate the color by 10%, you get **102.8280, -19.1422, 26.4608**, and if you desaturate by 10%, it is **114.0100, -11.8369, 16.6542**.

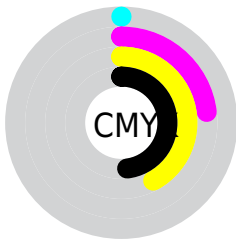
Distribution



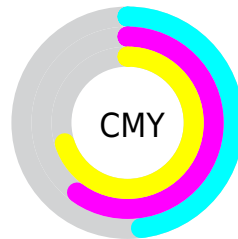
- Red (52%)
- Green (40%)
- Blue (30%)



- Red (52%)
- Yellow (48%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4190, -15.4896, 21.5575 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 108.4190, -15.4896, 21.5575 by changing the saturation by 10% instead.

■ 108.4190,
-15.4896, 21.5575

■ 108.4190,
-15.4896, 21.5575

■ 255.0000, 0.0000,
0.0000

■ 83.9350, -14.7580,
20.2280

■ 160.0880,
-16.8054, 23.6018

■ 60.4510, -14.0263,
18.8985

■ 187.5720,
-17.5370, 24.9314

■ 38.4400, -14.0209,
17.1541

■ 214.8710,
-17.6844, 25.5461

■ 18.0960, -8.9213,
14.8248

■ 238.3750,
-15.4679, 14.5801

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

■ 108.4190,
-15.4896, 21.5575

■ 108.4190,
-15.4896, 21.5575

■ 102.8280,
-19.1422, 26.4608

■ 114.0100,
-11.8369, 16.6542

■ 96.5360, -22.9422,
31.9789

■ 120.3020, -8.0369,
11.1361

■ 90.9450, -26.5949,
36.8822

■ 125.8930, -4.3842,
6.2328

■ 85.3540, -30.2475,
41.7855

■ 131.4840, -0.7316,
1.3295

■ 79.1760, -33.6108,
47.2036

■ 137.6620, 2.6316,
-4.0886

■ 74.4000, -36.6792,
51.3922

■ 143.3670, 6.7211,
-9.0919

■ 149.5450, 10.0843,
-14.5100

■ 155.1360, 13.7370,

-19.4133

■ 160.8410, 17.8264,
-24.4166

Harmonies

Analogous

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



109.5430, -10.1277, 28.4648



108.4190, -15.4896, 21.5575



107.0000, -16.7620, 9.6470

Triad

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



108.4190, -15.4896, 21.5575



99.7460, 5.0552, -34.8572



110.1650, 13.2297, 3.3633

Complementary

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



108.4190, -15.4896, 21.5575



101.5810, 15.4896, -21.5575

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.



107.1950, 17.6519, -15.0800



108.4190, -15.4896, 21.5575



99.0040, 13.8020, -40.3455

Square

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



108.4190, -15.4896, 21.5575



102.0160, -4.4449, -21.0620



102.1990, 18.1429, -32.6235



110.7280, 6.0501, 19.5325

Rectangle

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



108.4190, -15.4896, 21.5575



105.2160, -14.4035, -0.1894



102.1990, 18.1429, -32.6235



109.5880, 14.9931, -2.2697

Sweetspot

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



108.4190, -15.4896, 21.5575



163.4480, -6.1369, 8.3771



97.3920, 5.7227, 31.2282



80.7080, -3.8000, 5.5181



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.



108.4190, -15.4896, 21.5575



134.2050, -24.2581, 34.0232



124.2680, -23.3031, 7.6580



63.5550, -1.7526, 2.1443



72.9160, -35.9476, 50.0627



1.4840, -0.7316, 1.3295

Inverse Universe

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



101.5810, 15.4896, -21.5575



123.7950, 24.2581, -34.0232



85.7320, 23.3031, -7.6580



62.4450, 1.7526, -2.1443



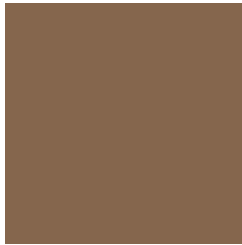
57.0840, 35.9476, -50.0627



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 108.4190, -15.4896, 21.5575 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 108.4190, -15.4896, 21.5575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

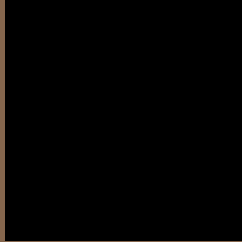
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.4190, -15.4896, 21.5575

Background



This preview shows how black text looks on a background with the YUV color 108.4190, -15.4896, 21.5575.



This preview shows how white text looks on a background with the YUV color 108.4190, -15.4896, 21.5575.

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

108.4190, -15.4896, 21.5575

Protanopia

107.2000, -13.4096, 7.7176

Deuteranopia

108.3970, -15.4787, 18.0688



Tritanopia

110.2740, -2.1071, 22.5617

Trichromacy



Original Color

108.4190, -15.4896, 21.5575

Protanomaly

107.7060, -14.1521, 12.5358

Deuteranomaly

108.1090, -15.3367, 19.1984

Tritanomaly

109.3080, -7.0538, 22.5319

Monochromacy



Original Color

108.4190, -15.4896, 21.5575

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2630, -5.5527, 7.6623

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4190, -15.4896, 21.5575 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(133, 102, 77)` looks like.

```
.text, #text, p{  
    color:rgb(133, 102, 77)  
}
```

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(133, 102, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 102, 77) }
```

Border

The CSS property to change the border of an element to YUV 108.4190, -15.4896, 21.5575 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(133, 102, 77) }
```


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

```
.border{ border-color:rgb(133, 102, 77) }
```

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

Here you see how a box with a 4 pixel rgb(133, 102, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 102, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 102, 77);  
box-shadow:4px 4px 4px 4px rgb(133, 102,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 108.4190, -15.4896, 21.5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 102, 77) }
```

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

```
.background{ background-color: rgb(133,  
102, 77) }
```

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