

Converting Colors

YUV(108.5160, -12.5794,
21.4725)

Have a look what the booklet for
YUV(108.5160, -12.5794, 21.4725)
contains.

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Color

**YUV(108.5160, -12.5794,
21.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	856553
RGB	133, 101, 83
RGB Percent	52%, 40%, 33%
CMY	0.4784, 0.6039, 0.6745
CMYK	0.00, 0.24, 0.38, 0.48
HSL	22°, 23%, 42%
HSV	22°, 38%, 52%
XYZ	15.8879, 14.9184, 10.2258
YIQ	108.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

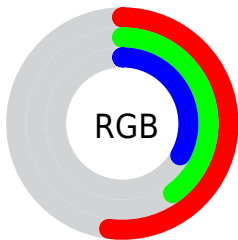
Format	Color
R_{YB}	133, 111, 83
Decimal	8742227
CIE Lab	45.52, 10.25, 15.16
CIE LCh	46, 18.302, 55.946
Yxy	14.9184, 0.3872, 0.3636
Android (android.graphics.Color)	4286932307 (0xFF856553)
YUV	108.5160, -12.5794, 21.4725
Hunter-Lab	38.6244, 5.8321, 11.3401

Details

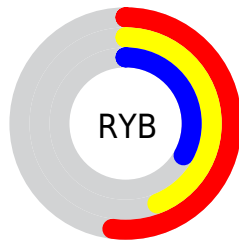
The YUV color **108.5160, -12.5794, 21.4725** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.4840, 12.5794, -21.4725**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2990, -13.4584, 23.4168**, and **60.5480, -11.1162, 18.8134** is the 20% darker color. If you saturate the color by 10%, you get **101.7510, -15.6532, 27.4054**, and if you desaturate by 10%, it is **115.2810, -9.5055, 15.5396**.

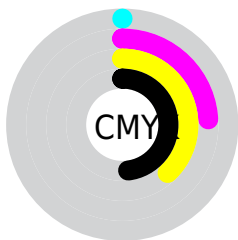
Distribution



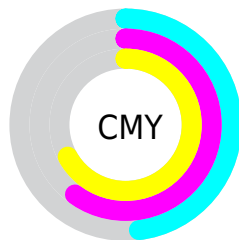
- Red (52%)
- Green (40%)
- Blue (33%)



- Red (52%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5160, -12.5794, 21.4725 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 108.5160, -12.5794, 21.4725 by changing the saturation by 10% instead.

■ 108.5160,
-12.5794, 21.4725

■ 108.5160,
-12.5794, 21.4725

■ 255.0000, 0.0000,
0.0000

■ 84.0320, -11.8478,
20.1429

■ 160.2990,
-13.4584, 23.4168

■ 60.5480, -11.1162,
18.8134

■ 187.4840,
-14.0426, 24.1315

■ 38.6510, -10.6739,
16.9691

■ 215.0820,
-14.3374, 25.3611

■ 17.2210, -8.4900,
16.4692

■ 237.8850,
-12.2683, 15.0099

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 108.5160,
-12.5794, 21.4725

■ 108.5160,
-12.5794, 21.4725

■ 101.7510,
-15.6532, 27.4054

■ 115.2810, -9.5055,
15.5396

■ 95.4590, -19.4533,
32.9235

■ 121.5730, -5.7055,
10.0215

■ 88.6940, -22.5271,
38.8564

■ 128.3380, -2.6316,
4.0886

■ 82.5160, -25.8904,
44.2745

■ 134.5160, 0.7316,
-1.3295

■ 75.7510, -28.9642,
50.2074

■ 141.3950, 4.2423,
-7.3624

■ 69.4590, -32.7643,
55.7255

■ 147.5730, 7.6055,
-12.7805

■ 67.9430, -33.4959,
57.0550

■ 154.3380, 10.6794,
-18.7134

■ 160.5160, 14.0426,

-24.1315

■ 167.3950, 17.5533,
-30.1644

Harmonies

Analogous

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



109.3300, -7.0647, 26.0206



108.5160, -12.5794, 21.4725



107.1790, -14.8782, 12.1210

Triad

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



108.5160, -12.5794, 21.4725



101.2910, 1.8285, -26.5652



109.0180, 12.8091, -1.7698

Complementary

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



108.5160, -12.5794, 21.4725



107.4840, 12.5794, -21.4725

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.



106.0160, 15.7681, -17.5540



108.5160, -12.5794, 21.4725



100.7230, 9.9966, -33.0831

Square

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



108.5160, -12.5794, 21.4725



103.1910, -6.5032, -14.1995



102.4120, 15.0799, -30.1793



110.3250, 7.2348, 12.8700

Rectangle

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



108.5160, -12.5794, 21.4725



106.0640, -13.8356, 4.3289



102.4120, 15.0799, -30.1793



107.7400, 14.4252, -6.7880

Sweetspot

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



108.5160, -12.5794, 21.4725



163.7900, -4.8265, 8.0772



101.5980, 6.6072, 27.5396



80.9360, -2.9264, 5.3181



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.



108.5160, -12.5794, 21.4725



134.7580, -19.6007, 33.5382



123.1910, -19.8142, 8.6025



62.9680, -1.4632, 2.6591



66.4590, -32.7643, 55.7255



1.4840, -0.7316, 1.3295

Inverse Universe

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



107.4840, 12.5794, -21.4725



133.2420, 19.6007, -33.5382



92.8090, 19.8142, -8.6025



63.0320, 1.4632, -2.6591



63.5410, 32.7643, -55.7255



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 108.5160, -12.5794, 21.4725 looks on a white background.

Color Contrast Check

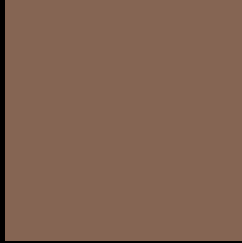
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.5160, -12.5794, 21.4725 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 108.5160, -12.5794, 21.4725

Background



This preview shows how black text looks on a background with the YUV color 108.5160, -12.5794, 21.4725.



This preview shows how white text looks on a background with the YUV color 108.5160, -12.5794,

21.4725.

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

108.5160, -12.5794, 21.4725

Protanopia

107.5850, -10.6414, 6.5030

Deuteranopia

108.3690, -12.9999, 16.3394



Tritanopia

109.8610, -2.3965, 22.0469

Trichromacy



Original Color

108.5160, -12.5794, 21.4725

Protanomaly

107.8030, -11.2419, 12.4508

Deuteranomaly

108.3800, -13.0053, 18.0837

Tritanomaly

109.2370, -6.0328, 21.7172

Monochromacy



Original Color

108.5160, -12.5794, 21.4725

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5160, -12.5794, 21.4725 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, 101, 83)` looks like.

```
.text, #text, p{  
    color:rgb(133, 101, 83)  
}
```

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, 101, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 101, 83) }
```

Border

The CSS property to change the border of an element to YUV 108.5160, -12.5794, 21.4725 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, 101, 83) }
```


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

```
.border{ border-color:rgb(133, 101, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 101, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 101, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 101, 83);  
box-shadow:4px 4px 4px 4px rgb(133, 101,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 108.5160, -12.5794, 21.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 101, 83) }
```

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

```
.background{ background-color: rgb(133,  
101, 83) }
```

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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