

Converting Colors

YUV(109.7550, -15.1622,
9.8619)

Have a look what the booklet for
YUV(109.7550, -15.1622, 9.8619)
contains.

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Color

**YUV(109.7550, -15.1622,
9.8619)**

Conversions

Conversions Part 1	
Format	Color
Hex	796E4F
RGB	121, 110, 79
RGB Percent	47%, 43%, 31%
CMY	0.5255, 0.5686, 0.6902
CMYK	0.00, 0.09, 0.35, 0.53
HSL	44°, 21%, 39%
HSV	44°, 35%, 47%
XYZ	14.8724, 15.7813, 9.6594
YIQ	109.7550, 16.5070, -7.3090

Conversions

Conversions Part 2

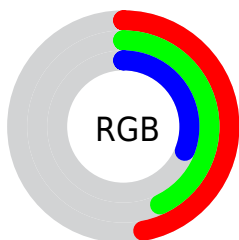
Format	Color
RYB	94, 121, 79
Decimal	7958095
CIELab	46.69, -0.77, 18.88
CIELCh	47, 18.896, 92.325
Yxy	15.7813, 0.3689, 0.3915
Android (android.graphics.Color)	4286148175 (0xFF796E4F)
YUV	109.7550, -15.1622, 9.8619
Hunter-Lab	39.7257, -2.6938, 13.3915

Details

The YUV color **109.7550, -15.1622, 9.8619** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.2450, 15.1622, -9.8619**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1250, -16.3306, 11.2914**, and **62.0860, -13.8464, 7.8176** is the 20% darker color. If you saturate the color by 10%, you get **106.6260, -19.5356, 12.6060**, and if you desaturate by 10%, it is **112.8840, -10.7888, 7.1177**.

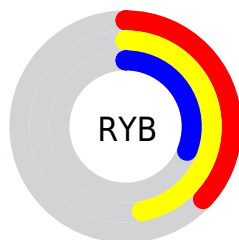
Distribution



Red (47%)

Green (43%)

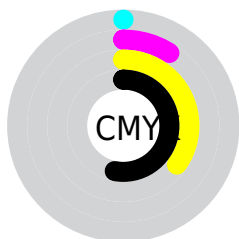
Blue (31%)



Red (37%)

Yellow (47%)

Blue (31%)

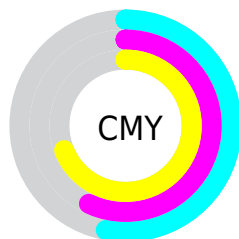


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (53%)



Cyan (53%)

Magenta (57%)


Yellow (69%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 109.7550, -15.1622, 9.8619 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 109.7550, -15.1622, 9.8619 by changing the saturation by 10% instead.


 109.7550,
-15.1622, 9.8619


 109.7550,
-15.1622, 9.8619


255.0000, 0.0000,
0.0000


 85.5700, -14.5780,
9.1471


 161.1250,
-16.3306, 11.2914

 62.0860, -13.8464,
7.8176


 188.3100,
-16.9148, 12.0061


 39.9010, -13.2622,
7.1028

 216.1960,
-17.3516, 12.1061

 20.4000, -10.0572,
5.7882

 243.8860,
-17.1988, 9.7470

 0.0000, 0.0000,
0.0000

 252.9480, -7.8624,
1.7996

■ 109.7550,
-15.1622, 9.8619

■ 109.7550,
-15.1622, 9.8619

■ 106.6260,
-19.5356, 12.6060

■ 112.8840,
-10.7888, 7.1177

■ 103.4970,
-23.9090, 15.3501

■ 116.0130, -6.4154,
4.3736

■ 99.7810, -27.9930,
18.6091

■ 119.7290, -2.3314,
1.1147

■ 96.6520, -32.3664,
21.3532

■ 122.8580, 2.0420,
-1.6295

■ 93.5230, -36.7398,
24.0973

■ 125.9870, 6.4154,
-4.3736

■ 90.2800, -41.5500,
26.9414

■ 129.2300, 11.2256,
-7.2177

■ 88.4220, -43.5920,
28.5709

■ 132.3590, 15.5990,
-9.9618

■ 135.4880, 19.9724,

-12.7060

■ 139.2040, 24.0564,
-15.9649

Harmonies

Analogous

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



111.4620, -14.0318, 20.6428



109.7550, -15.1622, 9.8619



108.1770, -11.9193, -3.6632

Triad

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



109.7550, -15.1622, 9.8619



103.1680, 11.7492, -35.2273



113.1190, 6.3503, 16.5586

Complementary

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



109.7550, -15.1622, 9.8619



90.2450, 15.1622, -9.8619

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.



112.2250, 12.2141, 2.4337



109.7550, -15.1622, 9.8619



105.3520, 16.0955, -29.2497

Square

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



109.7550, -15.1622, 9.8619



104.0240, 3.4392, -29.8390



109.7390, 15.9047, -14.6801



113.1110, -1.5337, 25.3357

Rectangle

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



109.7550, -15.1622, 9.8619



106.5610, -7.6716, -12.7700



109.7390, 15.9047, -14.6801



113.2540, 8.2558, 12.0552

Sweetspot

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



109.7550, -15.1622, 9.8619



153.8280, -5.8312, 3.6588



92.8120, -1.3863, 24.7209



76.8000, -3.3524, 1.9294



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



109.7550, -15.1622, 9.8619



140.4970, -23.9090, 15.3501



113.2220, -16.8714, -1.9487



59.7290, -2.3314, 1.1147



91.3790, -45.0498, 29.4856



184.5300, -90.9733, 59.1712

Inverse Universe

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



90.2450, 15.1622, -9.8619



109.5030, 23.9090, -15.3501



86.7780, 16.8714, 1.9487



56.8580, 2.0420, -1.6295



33.6210, 45.0498, -29.4856



67.4700, 90.9733, -59.1712

Previews

White Background



This preview shows how the YUV color 109.7550, -15.1622, 9.8619 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 109.7550, -15.1622, 9.8619 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 109.7550, -15.1622, 9.8619

Background



This preview shows how black text looks on a background with the YUV color 109.7550, -15.1622, 9.8619.



This preview shows how white text looks on a background with the YUV color 109.7550, -15.1622,

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

109.7550, -15.1622, 9.8619

Protanopia

109.7440, -15.1568, 8.1175

Deuteranopia

110.5110, -15.0419, 17.9689



Tritanopia

112.0060, 0.9830, 11.3957

Trichromacy



Original Color
109.7550, -15.1622, 9.8619

Protanomaly
110.0430, -15.3042, 8.7323

Deuteranomaly
109.9020, -14.7417, 14.9949

Tritanomaly
111.3990, -5.1267, 11.0511

Monochromacy



Original Color
109.7550, -15.1622, 9.8619

Achromatopsia
110.0000, 0.0000, 0.0000

Achromatomaly
109.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7550, -15.1622, 9.8619 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(121, 110, 79)` looks like.

```
.text, #text, p{  
    color:rgb(121, 110, 79)  
}
```

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(121, 110, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 110, 79) }
```

Border

The CSS property to change the border of an element to YUV 109.7550, -15.1622, 9.8619 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(121, 110, 79) }
```


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

```
.border{ border-color:rgb(121, 110, 79) }
```

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

Here you see how a box with a 4 pixel rgb(121, 110, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 110, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 110, 79);  
box-shadow:4px 4px 4px 4px rgb(121, 110,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 109.7550, -15.1622, 9.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 110, 79) }
```

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

```
.background{ background-color: rgb(121,  
110, 79) }
```

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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