

Converting Colors

YUV(107.9290, -15.7410,
8.8323)

Have a look what the booklet for
YUV(107.9290, -15.7410, 8.8323)
contains.

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Color

**YUV(107.9290, -15.7410,
8.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	766D4C
RGB	118, 109, 76
RGB Percent	46%, 43%, 30%
CMY	0.5373, 0.5725, 0.7020
CMYK	0.00, 0.08, 0.36, 0.54
HSL	47°, 22%, 38%
HSV	47°, 36%, 46%
XYZ	14.2444, 15.3106, 9.0420
YIQ	107.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

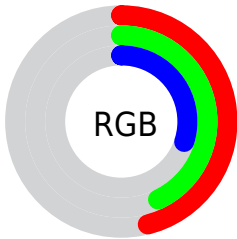
Format	Color
R_{YB}	87, 118, 76
Decimal	7761228
CIE Lab	46.06, -1.90, 19.74
CIE LCh	46, 19.829, 95.499
Yxy	15.3106, 0.3691, 0.3967
Android (android.graphics.Color)	4285951308 (0xFF766D4C)
YUV	107.9290, -15.7410, 8.8323
Hunter-Lab	39.1288, -3.4947, 13.6893

Details

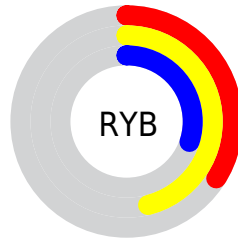
The YUV color **107.9290, -15.7410, 8.8323** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.0710, 15.7410, -8.8323**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2990, -16.9094, 10.2618**, and **60.5590, -14.5726, 7.4028** is the 20% darker color. If you saturate the color by 10%, you get **104.8000, -20.1144, 11.5764**, and if you desaturate by 10%, it is **111.0580, -11.3676, 6.0881**.

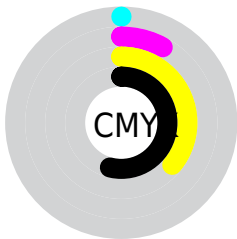
Distribution



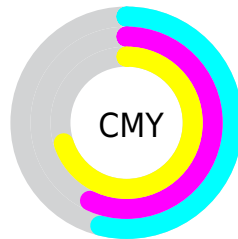
- Red (46%)
- Green (43%)
- Blue (30%)



- Red (34%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9290, -15.7410, 8.8323 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 107.9290, -15.7410, 8.8323 by changing the saturation by 10% instead.

■ 107.9290,
-15.7410, 8.8323

■ 107.9290,
-15.7410, 8.8323

■ 255.0000, 0.0000,
0.0000

■ 83.7440, -15.1568,
8.1175

■ 159.2990,
-16.9094, 10.2618

■ 60.5590, -14.5726,
7.4028

■ 186.1850,
-17.3462, 10.3618

■ 38.2600, -14.4252,
6.7880

■ 214.3700,
-17.9304, 11.0765

■ 18.6170, -9.1782,
3.8439

■ 242.3700,
-17.9304, 11.0765

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

■ 107.9290,
-15.7410, 8.8323

■ 107.9290,
-15.7410, 8.8323

■ 104.8000,
-20.1144, 11.5764

■ 111.0580,
-11.3676, 6.0881

■ 102.2580,
-24.7772, 13.8057

■ 113.6000, -6.7048,
3.8588

■ 99.2430, -28.7138,
16.4499

■ 116.6150, -2.7682,
1.2146

■ 96.7010, -33.3766,
18.6792

■ 119.1570, 1.8946,
-1.0147

■ 93.5720, -37.7500,
21.4234

■ 122.2860, 6.2680,
-3.7588

■ 91.0300, -42.4128,
23.6527

■ 124.8280, 10.9308,
-5.9882

■ 89.8730, -44.3074,
24.6674

■ 127.9570, 15.3042,
-8.7323

■ 130.3850, 19.5302,

-10.8616

■ 133.5140, 23.9036,
-13.6058

Harmonies

Analogous

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



109.2340, -14.9054, 20.8428



107.9290, -15.7410, 8.8323



106.1660, -11.9138, -5.4076

Triad

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



107.9290, -15.7410, 8.8323



101.2000, 13.2124, -37.8864



111.9020, 5.4713, 18.5029

Complementary

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



107.9290, -15.7410, 8.8323



86.0710, 15.7410, -8.8323

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.



111.2360, 12.2087, 4.1780



107.9290, -15.7410, 8.8323



103.6940, 17.4059, -29.5496

Square

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



107.9290, -15.7410, 8.8323



101.1700, 5.3392, -32.5981



108.2660, 16.6309, -14.2653



111.5950, -2.2653, 26.6652

Rectangle

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



107.9290, -15.7410, 8.8323



104.3650, -7.0819, -15.2291



108.2660, 16.6309, -14.2653



111.5640, 8.1029, 14.4144

Sweetspot

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



107.9290, -15.7410, 8.8323



148.7140, -6.2680, 3.7588



89.5840, -2.2599, 24.9208



74.0990, -3.4998, 2.5442



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



107.9290, -15.7410, 8.8323



137.2580, -24.7772, 13.8057



109.6240, -16.5766, -3.1782



57.1420, -2.0420, 1.6295



92.8300, -45.7652, 25.5821



189.8020, -93.5724, 52.7936

Inverse Universe

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



86.0710, 15.7410, -8.8323



102.7420, 24.7772, -13.8057



84.3760, 16.5766, 3.1782



54.2710, 2.3314, -1.1147



29.1700, 45.7652, -25.5821



60.1980, 93.5724, -52.7936

Previews

White Background



This preview shows how the YUV color 107.9290, -15.7410, 8.8323 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 107.9290, -15.7410, 8.8323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

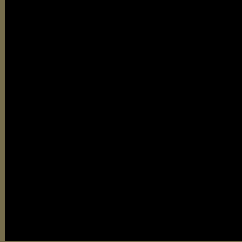
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.9290, -15.7410, 8.8323

Background



This preview shows how black text looks on a background with the YUV color 107.9290, -15.7410, 8.8323.



This preview shows how white text looks on a background with the YUV color 107.9290, -15.7410, 8.8323.

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

107.9290, -15.7410, 8.8323

Protanopia

107.9290, -15.7410, 8.8323

Deuteranopia

108.6960, -15.6261, 18.6836



Tritanopia

110.2940, 0.8411, 10.2662

Trichromacy



Original Color

107.9290, -15.7410, 8.8323

Protanomaly

107.9290, -15.7410, 8.8323

Deuteranomaly

108.6740, -15.6153, 15.1949

Tritanomaly

109.6870, -5.2687, 9.9215

Monochromacy



Original Color

107.9290, -15.7410, 8.8323

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9290, -15.7410, 8.8323 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(118, 109, 76)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 76)  
}
```

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(118, 109, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 76) }
```

Border

The CSS property to change the border of an element to YUV 107.9290, -15.7410, 8.8323 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(118, 109, 76) }
```


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

```
.border{ border-color:rgb(118, 109, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 76);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 107.9290, -15.7410, 8.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 76) }
```

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

```
.background{ background-color: rgb(118,  
109, 76) }
```

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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