

Converting Colors

YUV(100.4890, -15.0311,
14.4801)

Have a look what the booklet for
YUV(100.4890, -15.0311, 14.4801)
contains.

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Color

**YUV(100.4890, -15.0311,
14.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	756246
RGB	117, 98, 70
RGB Percent	46%, 38%, 27%
CMY	0.5412, 0.6157, 0.7255
CMYK	0.00, 0.16, 0.40, 0.54
HSL	36°, 25%, 37%
HSV	36°, 40%, 46%
XYZ	12.8093, 12.9595, 7.6207
YIQ	100.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

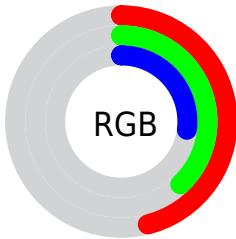
Format	Color
R_{YB}	102, 117, 70
Decimal	7692870
CIE _{Lab}	42.70, 3.32, 18.79
CIE _{LCh}	43, 19.081, 79.970
Yxy	12.9595, 0.3836, 0.3881
Android (android.graphics.Color)	4285882950 (0xFF756246)
YUV	100.4890, -15.0311, 14.4801
Hunter-Lab	35.9993, 0.5153, 12.6484

Details

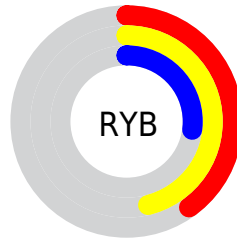
The YUV color **100.4890, -15.0311, 14.4801** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.5110, 15.0311, -14.4801**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8590, -16.1995, 15.9097**, and **53.5210, -13.5679, 11.8211** is the 20% darker color. If you saturate the color by 10%, you get **96.1860, -18.8257, 18.2539**, and if you desaturate by 10%, it is **104.7920, -11.2365, 10.7064**.

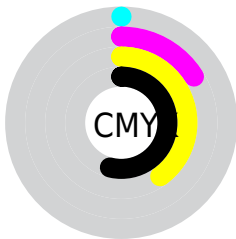
Distribution



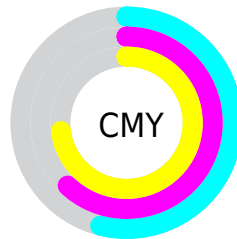
- Red (46%)
- Green (38%)
- Blue (27%)



- Red (40%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4890, -15.0311, 14.4801 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 100.4890, -15.0311, 14.4801 by changing the saturation by 10% instead.

■ 100.4890,
-15.0311, 14.4801

■ 100.4890,
-15.0311, 14.4801

■ 255.0000, 0.0000,
0.0000

■ 76.3040, -14.4469,
13.7654

■ 151.8590,
-16.1995, 15.9097

■ 53.5210, -13.5679,
11.8211

■ 178.3430,
-16.9311, 17.2392

■ 31.6520, -15.6044,
11.7062

■ 206.2290,
-17.3679, 17.3392

■ 10.0890, -4.9739,
8.6919

■ 234.4140,
-17.9521, 18.0539

■ 0.0000, 0.0000,
0.0000

■ 251.6940,
-12.6671, 2.8994

■ 100.4890,
-15.0311, 14.4801

■ 100.4890,
-15.0311, 14.4801

■ 96.1860, -18.8257,
18.2539

■ 104.7920,
-11.2365, 10.7064

■ 92.5840, -22.4729,
21.4128

■ 108.3940, -7.5892,
7.5475

■ 88.2810, -26.2675,
25.1866

■ 112.6970, -3.7946,
3.7737

■ 83.9780, -30.0622,
28.9603

■ 117.0000, 0.0000,
0.0000

■ 79.7890, -33.4200,
32.6340

■ 121.3030, 3.7946,
-3.7737

■ 76.0730, -37.5040,
35.8930

■ 124.9050, 7.4418,
-6.9327

■ 129.2080, 11.2365,
-10.7064

■ 133.5110, 15.0311,

-14.4801

■ 137.7000, 18.3889,
-18.1539

Harmonies

Analogous

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



101.6410, -12.1480, 23.1168



100.4890, -15.0311, 14.4801



98.7540, -13.6827, 1.9697

Triad

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



100.4890, -15.0311, 14.4801



93.0710, 8.8390, -35.1423



103.0690, 8.8400, 11.3405

Complementary

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



100.4890, -15.0311, 14.4801



86.5110, 15.0311, -14.4801

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.



101.6370, 13.9830, -4.9436



100.4890, -15.0311, 14.4801



94.2760, 14.6539, -33.5681

Square

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



100.4890, -15.0311, 14.4801



94.5470, 0.2233, -25.0357



97.8090, 16.3632, -21.7575



103.5990, 1.6767, 22.2767

Rectangle

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



100.4890, -15.0311, 14.4801



97.4970, -10.5980, -7.4519



97.8090, 16.3632, -21.7575



102.9050, 10.8928, 6.2223

Sweetspot

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



100.4890, -15.0311, 14.4801



146.8390, -5.8366, 5.4032



86.3330, 1.8078, 26.8950



72.8110, -3.3578, 3.6738



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.



100.4890, -15.0311, 14.4801



127.0680, -23.2045, 22.7424



110.4460, -19.9399, 2.2399



56.5550, -1.7526, 2.1443



79.3290, -39.1092, 37.4225



162.2130, -79.9710, 76.9892

Inverse Universe

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



86.5110, 15.0311, -14.4801



105.3450, 23.4939, -22.2276



76.5540, 19.9399, -2.2399



54.8580, 2.0420, -1.6295



42.6710, 39.1092, -37.4225



87.7870, 79.9710, -76.9892

Previews

White Background



This preview shows how the YUV color 100.4890, -15.0311, 14.4801 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 100.4890, -15.0311, 14.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

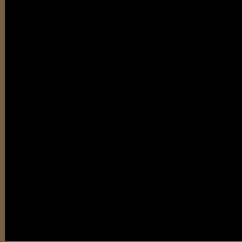
Any Text WCAG AA × Fail

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 100.4890, -15.0311, 14.4801 Background



This preview shows how black text looks on a background with the YUV color 100.4890, -15.0311, 14.4801.



This preview shows how white text looks on a background with the YUV color 100.4890, -15.0311, 14.4801.

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

100.4890, -15.0311, 14.4801

Protanopia

99.9720, -14.2832, 7.9176

Deuteranopia

100.7990, -15.1839, 16.8393



Tritanopia

102.5720, -0.7750, 15.2844

Trichromacy



Original Color

100.4890, -15.0311, 14.4801

Protanomaly

100.2820, -14.4360, 10.2767

Deuteranomaly

100.5000, -15.0365, 16.2245

Tritanomaly

101.6060, -5.7218, 15.2545

Monochromacy



Original Color

100.4890, -15.0311, 14.4801

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4890, -15.0311, 14.4801 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(117, 98, 70)` looks like.

```
.text, #text, p{  
    color:rgb(117, 98, 70)  
}
```

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(117, 98, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 98, 70) }
```

Border

The CSS property to change the border of an element to YUV 100.4890, -15.0311, 14.4801 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(117, 98, 70) }
```


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

```
.border{ border-color:rgb(117, 98, 70) }
```

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

Here you see how a box with a 4 pixel rgb(117, 98, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 98, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 98, 70);  
box-shadow:4px 4px 4px 4px rgb(117, 98,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 100.4890, -15.0311, 14.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 98, 70) }
```

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

```
.background{ background-color: rgb(117, 98,  
70) }
```

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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