

Converting Colors

YUV(117.1500, -7.4689,
15.6545)

Have a look what the booklet for
YUV(117.1500, -7.4689, 15.6545)
contains.

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Color

**YUV(117.1500, -7.4689,
15.6545)**

Conversions

Conversions Part 1

Format	Color
Hex	876F66
RGB	135, 111, 102
RGB Percent	53%, 44%, 40%
CMY	0.4706, 0.5647, 0.6000
CMYK	0.00, 0.18, 0.24, 0.47
HSL	16°, 14%, 46%
HSV	16°, 24%, 53%
XYZ	18.0744, 17.4791, 14.9915
YIQ	117.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

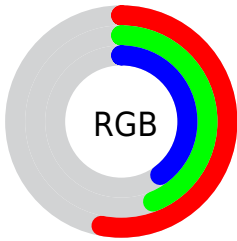
Format	Color
R_{YB}	135, 114, 102
Decimal	8875878
CIE Lab	48.86, 7.97, 8.55
CIE LCh	49, 11.686, 47.025
Yxy	17.4791, 0.3576, 0.3458
Android (android.graphics.Color)	4287065958 (0xFF876F66)
YUV	117.1500, -7.4689, 15.6545
Hunter-Lab	41.8080, 4.0049, 8.0053

Details

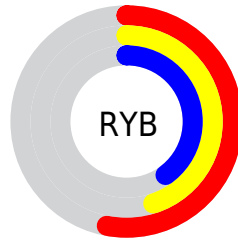
The YUV color **117.1500, -7.4689, 15.6545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.8500, 7.4690, -15.6544**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6340, -8.2006, 16.9840**, and **68.6660, -6.7373, 14.3249** is the 20% darker color. If you saturate the color by 10%, you get **109.7980, -10.2534, 22.1022**, and if you desaturate by 10%, it is **124.6160, -4.2477, 9.1068**.

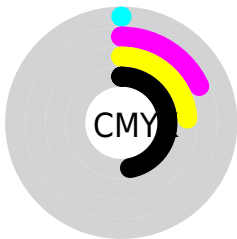
Distribution



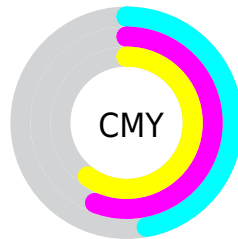
- Red (53%)
- Green (44%)
- Blue (40%)



- Red (53%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1500, -7.4689, 15.6545 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 117.1500, -7.4689, 15.6545 by changing the saturation by 10% instead.

■ 117.1500, -7.4689,
15.6545

■ 117.1500, -7.4689,
15.6545

255.0000, 0.0000,
0.0000

■ 92.5520, -7.1741,
14.4249

■ 169.6340, -8.2006,
16.9840

■ 68.6660, -6.7373,
14.3249

■ 196.9330, -8.3480,
17.5988

■ 46.1820, -6.0057,
12.9954

■ 224.8190, -8.7848,
17.6987

■ 25.3560, -6.5845,
11.9658

■ 247.4370, -6.1314,
6.6328

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 117.1500, -7.4689,
15.6545

■ 117.1500, -7.4689,
15.6545

■ 109.7980,
-10.2534, 22.1022

■ 124.6160, -4.2477,
9.1068

■ 102.3320,
-13.4747, 28.6498

■ 131.9680, -1.4632,
2.6591

■ 95.5670, -16.5485,
34.5827

■ 138.8470, 2.0474,
-3.3738

■ 88.1010, -19.7698,
41.1304

■ 146.1990, 4.8319,
-9.8215

■ 80.7490, -22.5543,
47.5781

■ 153.6650, 8.0532,
-16.3692

■ 73.2830, -25.7755,
54.1258

■ 161.0170, 10.8376,
-22.8169

■ 65.9310, -28.5600,
60.5735

■ 168.3690, 13.6221,
-29.2646

■ 62.0840, -30.6074,

■ 175.8350, 16.8433,

63.9473

-35.8123

■ 182.7140, 20.3540,
-41.8452

Harmonies

Analogous

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



117.6000, -3.2538, 17.0138



117.1500, -7.4689, 15.6545



116.2480, -9.4893, 10.3065

Triad

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



117.1500, -7.4689, 15.6545



112.9720, -0.9722, -14.8844



116.3830, 9.1782, -3.8439

Complementary

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



117.1500, -7.4689, 15.6545



119.8500, 7.4690, -15.6544

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.



114.5560, 10.0789, -12.7656



117.1500, -7.4689, 15.6545



112.6170, 4.1328, -18.9581

Square

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



117.1500, -7.4689, 15.6545



114.0610, -5.9461, -6.1925



113.3550, 8.2060, -18.7283



117.9390, 5.9461, 6.1925

Rectangle

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



117.1500, -7.4689, 15.6545



115.6280, -9.1836, 5.5882



113.3550, 8.2060, -18.7283



115.7740, 9.4784, -6.8178

Sweetspot

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



117.1500, -7.4689, 15.6545



169.3490, -2.6371, 5.8329



114.6030, 5.6187, 17.8882



85.2670, -1.6106, 3.2738



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.1500, -7.4689, 15.6545



148.4670, -11.5692, 24.1464



126.5420, -12.0992, 7.4177



62.3810, -1.1738, 3.1739



59.4150, -29.2916, 61.9030



1.4840, -0.7316, 1.3295

Inverse Universe

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



119.8500, 7.4690, -15.6544



152.5330, 11.5692, -24.1464



110.4580, 12.0992, -7.4177



63.0320, 1.4632, -2.6591



70.5850, 29.2916, -61.9030



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 117.1500, -7.4689, 15.6545 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 117.1500, -7.4689, 15.6545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

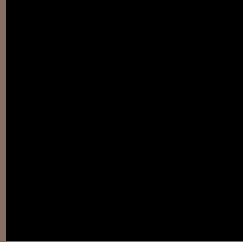
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1500, -7.4689, 15.6545 Background



This preview shows how black text looks on a background with the YUV color 117.1500, -7.4689, 15.6545.

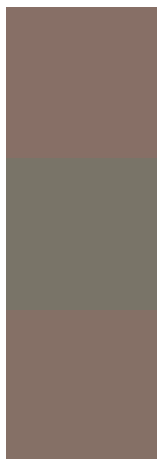


This preview shows how white text looks on a background with the YUV color 117.1500, -7.4689,

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

117.1500, -7.4689, 15.6545

Protanopia

116.1270, -5.9786, 4.2736

Deuteranopia

117.1390, -7.4635, 13.9101



Tritanopia

118.2840, -0.6330, 16.4139

Trichromacy



Original Color

117.1500, -7.4689, 15.6545

Protanomaly

116.3340, -6.5737, 8.4771

Deuteranomaly

117.4380, -7.6109, 14.5249

Tritanomaly

118.0020, -2.9590, 15.7842

Monochromacy



Original Color

117.1500, -7.4689, 15.6545

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3490, -2.6371, 5.8329

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1500, -7.4689, 15.6545 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(135, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(135, 111, 102)  
}
```

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(135, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 111, 102) }
```

Border

The CSS property to change the border of an element to YUV 117.1500, -7.4689, 15.6545 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(135, 111, 102) }
```


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

```
.border{ border-color:rgb(135, 111, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 111, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(135, 111,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 117.1500, -7.4689, 15.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 111, 102) }
```

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

```
.background{ background-color: rgb(135,  
111, 102) }
```

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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