

Converting Colors

YUV(118.4890, -15.0311,
14.4801)

Have a look what the booklet for
YUV(118.4890, -15.0311, 14.4801)
contains.

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Color

**YUV(118.4890, -15.0311,
14.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	877458
RGB	135, 116, 88
RGB Percent	53%, 45%, 35%
CMY	0.4706, 0.5451, 0.6549
CMYK	0.00, 0.14, 0.35, 0.47
HSL	36°, 21%, 44%
HSV	36°, 35%, 53%
XYZ	17.9985, 18.3463, 11.8251
YIQ	118.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

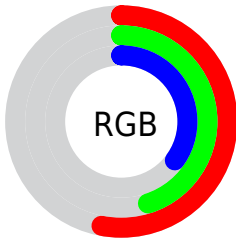
Format	Color
R_{YB}	120, 135, 88
Decimal	8877144
CIE Lab	49.91, 3.01, 18.22
CIE LCh	50, 18.470, 80.607
Yxy	18.3463, 0.3736, 0.3809
Android (android.graphics.Color)	4287067224 (0xFF877458)
YUV	118.4890, -15.0311, 14.4801
Hunter-Lab	42.8325, 0.0500, 13.6142

Details

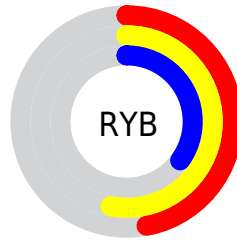
The YUV color **118.4890, -15.0311, 14.4801** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **104.5110, 15.0311, -14.4801**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8590, -16.1995, 15.9097**, and **69.8200, -13.7153, 12.4359** is the 20% darker color. If you saturate the color by 10%, you get **113.9580, -19.6993, 18.4538**, and if you desaturate by 10%, it is **123.0200, -10.3629, 10.5065**.

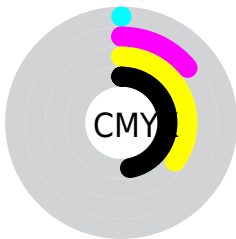
Distribution



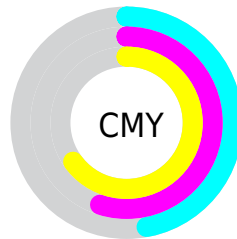
- Red (53%)
- Green (45%)
- Blue (35%)



- Red (47%)
- Yellow (53%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4890, -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 118.4890, -15.0311, 14.4801 by changing the saturation by 10% instead.

■ 118.4890,
-15.0311, 14.4801

■ 118.4890,
-15.0311, 14.4801

■ 255.0000, 0.0000,
0.0000

■ 93.3040, -14.4469,
13.7654

■ 170.8590,
-16.1995, 15.9097

■ 69.8200, -13.7153,
12.4359

■ 198.0440,
-16.7837, 16.6244

■ 47.3360, -12.9836,
11.1063

■ 226.3430,
-16.9311, 17.2392

■ 26.3360, -12.9836,
11.1063

■ 249.2490,
-14.4198, 5.0436

■ 2.0930, -1.0318,
4.3034

■ 254.2020, -3.0576,
0.6998

■ 0.0000, 0.0000,
0.0000

■ 118.4890,
-15.0311, 14.4801

■ 118.4890,
-15.0311, 14.4801

■ 113.9580,
-19.6993, 18.4538

■ 123.0200,
-10.3629, 10.5065

■ 108.9540,
-23.6413, 22.8423

■ 128.0240, -6.4208,
6.1180

■ 104.5370,
-27.8727, 26.7161

■ 132.5550, -1.7526,
2.1443

■ 99.4190, -32.2516,
31.2045

■ 137.5590, 2.1894,
-2.2442

■ 95.0020, -36.4830,
35.0782

■ 142.0900, 6.8576,
-6.2179

■ 89.8840, -40.8618,
39.5667

■ 147.0940, 10.7997,
-10.6064

■ 87.3250, -43.0512,
41.8110

■ 151.6250, 15.4679,
-14.5801

■ 156.6290, 19.4099,

-18.9686

■ 161.1600, 24.0781,
-22.9423

Harmonies

Analogous

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



119.6410, -12.1480, 23.1168



118.4890, -15.0311, 14.4801



116.7540, -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.



118.4890, -15.0311, 14.4801



111.3810, 8.6862, -32.7831



121.0690, 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.



118.4890, -15.0311, 14.4801



104.5110, 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.



119.3490, 14.1249, -3.8141



118.4890, -15.0311, 14.4801



113.1730, 14.2117, -31.7237

Square

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



118.4890, -15.0311, 14.4801



112.5470, 0.2233, -25.0357



116.4070, 16.0683, -20.5279



121.4850, 1.2399, 22.3767

Rectangle

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



118.4890, -15.0311, 14.4801



115.6110, -10.1612, -7.5518



116.4070, 16.0683, -20.5279



120.9050, 10.8928, 6.2223

Sweetspot

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



118.4890, -15.0311, 14.4801



169.8390, -5.8366, 5.4032



104.3330, 1.8078, 26.8950



85.5120, -3.2104, 3.0590



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.



118.4890, -15.0311, 14.4801



149.9540, -23.6413, 22.8423



128.4460, -19.9399, 2.2399



64.1420, -2.0420, 1.6295



84.0690, -41.4460, 40.2815



2.0710, -1.0210, 0.8147

Inverse Universe

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



104.5110, 15.0311, -14.4801



128.0460, 23.6413, -22.8423



94.5540, 19.9399, -2.2399



61.8580, 2.0420, -1.6295



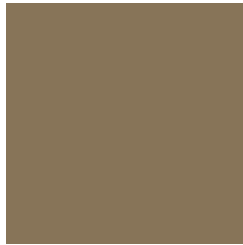
45.9310, 41.4460, -40.2815



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 118.4890, -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 118.4890, -15.0311, 14.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

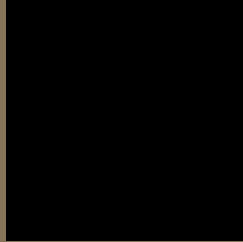
Any Text WCAG AA ✓ Pass

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 118.4890, -15.0311, 14.4801 Background



This preview shows how black text looks on a background with the YUV color 118.4890, -15.0311, 14.4801.



This preview shows how white text looks on a background with the YUV color 118.4890, -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

118.4890, -15.0311, 14.4801

Protanopia

117.9720, -14.2832, 7.9176

Deuteranopia

118.8100, -15.1893, 18.5836



Tritanopia

120.9850, -0.4856, 15.7992

Trichromacy



Original Color

118.4890, -15.0311, 14.4801

Protanomaly

118.2820, -14.4360, 10.2767

Deuteranomaly

118.7990, -15.1839, 16.8393

Tritanomaly

119.9050, -5.8692, 15.8693

Monochromacy



Original Color

118.4890, -15.0311, 14.4801

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4890, -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(135, 116, 88)` looks like.

```
.text, #text, p{  
    color:rgb(135, 116, 88)  
}
```

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, 116, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 116, 88) }
```

Border

The CSS property to change the border of an element to YUV 118.4890, -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(135, 116, 88) }
```


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

```
.border{ border-color:rgb(135, 116, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 116, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 116, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 116, 88);  
box-shadow:4px 4px 4px 4px rgb(135, 116,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 118.4890, -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(135, 116, 88) }
```

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

```
.background{ background-color: rgb(135,  
116, 88) }
```

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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