

Converting Colors

YUV(115.9070, -32.4922,
14.9906)

Have a look what the booklet for
YUV(115.9070, -32.4922, 14.9906)
contains.

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Color

**YUV(115.9070, -32.4922,
14.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	857832
RGB	133, 120, 50
RGB Percent	52%, 47%, 20%
CMY	0.4784, 0.5294, 0.8039
CMYK	0.00, 0.10, 0.62, 0.48
HSL	51°, 45%, 36%
HSV	51°, 62%, 52%
XYZ	16.9651, 18.6498, 5.7232
YIQ	115.9070, 30.2180, -19.0140

Conversions

Conversions Part 2

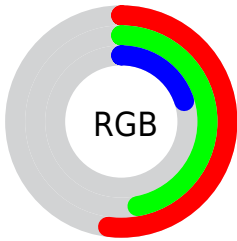
Format	Color
RYB	65, 133, 50
Decimal	8747058
CIELab	50.27, -4.15, 39.35
CIELCh	50, 39.566, 96.018
Yxy	18.6498, 0.4104, 0.4512
Android (android.graphics.Color)	4286937138 (0xFF857832)
YUV	115.9070, -32.4922, 14.9906
Hunter-Lab	43.1854, -5.4520, 22.3723

Details

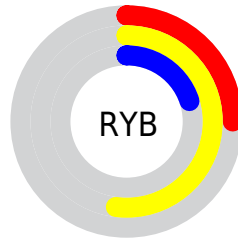
The YUV color **115.9070, -32.4922, 14.9906** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.0930, 32.4922, -14.9906**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4620, -34.2448, 17.1348**, and **66.4830, -32.7761, 12.7314** is the 20% darker color. If you saturate the color by 10%, you get **113.2510, -37.5917, 17.3199**, and if you desaturate by 10%, it is **118.5630, -27.3926, 12.6612**.

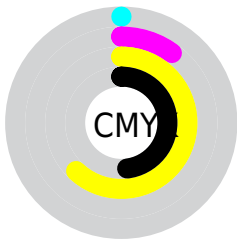
Distribution



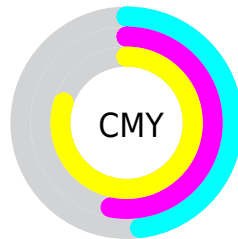
- Red (52%)
- Green (47%)
- Blue (20%)



- Red (25%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (62%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9070, -32.4922, 14.9906 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 115.9070, -32.4922, 14.9906 by changing the saturation by 10% instead.

■ 115.9070,
-32.4922, 14.9906

■ 115.9070,
-32.4922, 14.9906

■ 255.0000, 0.0000,
0.0000

■ 90.4230, -31.7605,
13.6610

■ 168.4620,
-34.2448, 17.1348

■ 66.4830, -32.7761,
12.7314

■ 195.9460,
-34.9764, 18.4644

■ 46.0940, -22.7243,
8.6876

■ 224.0170,
-35.9974, 19.2791

■ 26.5910, -13.1094,
4.7437

■ 246.3360,
-33.1966, 7.5983

■ 1.1740, -0.5788,
-1.0296

■ 249.4140,
-21.4031, 4.8989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 115.9070,
-32.4922, 14.9906

■ 115.9070,
-32.4922, 14.9906

■ 113.2510,
-37.5917, 17.3199

■ 118.5630,
-27.3926, 12.6612

■ 110.4810,
-43.1281, 19.7492

■ 121.3330,
-21.8562, 10.2320

■ 107.8250,
-48.2277, 22.0785

■ 123.9890,
-16.7566, 7.9026

■ 105.5110,
-52.0169, 24.1079

■ 126.6450,
-11.6570, 5.5733

■ 129.4150, -6.1206,
3.1440

■ 132.0710, -1.0210,
0.8147

■ 135.3140, 3.7892,
-2.0294

■ 137.9700, 8.8888,
-4.3587

■ 140.7400, 14.4252,
-6.7880

Harmonies

Analogous

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



118.1470, -29.6525, 37.5821



115.9070, -32.4922, 14.9906



111.9080, -24.1116, -13.0743

Triad

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



115.9070, -32.4922, 14.9906



97.8440, 29.6569, -85.8092



123.1570, 12.2476, 38.4503

Complementary

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



115.9070, -32.4922, 14.9906



67.0930, 32.4922, -14.9906

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.



122.4010, 25.4383, 7.5413



115.9070, -32.4922, 14.9906



96.9440, 41.4396, -85.0199

Square

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



115.9070, -32.4922, 14.9906



94.7830, 15.3900, -83.1247



114.0580, 35.4674, -36.0079



120.8310, -3.3677, 53.6452

Rectangle

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



115.9070, -32.4922, 14.9906



107.6370, -13.1320, -34.7616



114.0580, 35.4674, -36.0079



123.6550, 16.9321, 29.2436

Sweetspot

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



115.9070, -32.4922, 14.9906



166.3030, -12.9674, 5.8733



76.4130, -6.1196, 49.6268



82.9590, -7.8678, 3.5440



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



115.9070, -32.4922, 14.9906



146.4400, -50.9959, 23.2931



115.1660, -32.1268, -8.9156



64.7290, -2.3314, 1.1147



103.4400, -50.9959, 23.2931



2.0710, -1.0210, 0.8147

Inverse Universe

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



67.0930, 32.4922, -14.9906



70.1470, 50.7065, -23.8079



67.8340, 32.1268, 8.9156



61.2710, 2.3314, -1.1147



26.5600, 50.9959, -23.2931



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 115.9070, -32.4922, 14.9906 looks on a white 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

Black Background



This preview shows how the YUV color 115.9070, -32.4922, 14.9906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

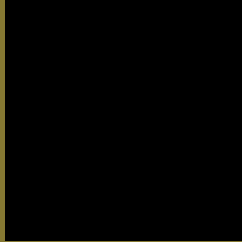
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9070, -32.4922, 14.9906

Background



This preview shows how black text looks on a background with the YUV color 115.9070, -32.4922, 14.9906.



This preview shows how white text looks on a background with the YUV color 115.9070, -32.4922, 14.9906.

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

115.9070, -32.4922, 14.9906

Protanopia

115.9070, -32.4922, 14.9906

Deuteranopia

117.0980, -32.0933, 27.1011



Tritanopia

121.6860, -0.3382, 15.1844

Trichromacy



Original Color

115.9070, -32.4922, 14.9906

Protanomaly

115.9070, -32.4922, 14.9906

Deuteranomaly

116.6630, -32.3719, 23.0975

Tritanomaly

119.8850, -12.2683, 15.0099

Monochromacy



Original Color

115.9070, -32.4922, 14.9906

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6450, -11.6570, 5.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9070, -32.4922, 14.9906 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(133, 120, 50)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 50)  
}
```

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(133, 120, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 50) }
```

Border

The CSS property to change the border of an element to YUV 115.9070, -32.4922, 14.9906 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(133, 120, 50) }
```


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

```
.border{ border-color:rgb(133, 120, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 120, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 120, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 120, 50);  
box-shadow:4px 4px 4px 4px rgb(133, 120,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 115.9070, -32.4922, 14.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 50) }
```

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

```
.background{ background-color: rgb(133,  
120, 50) }
```

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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