

Converting Colors

YUV(119.8490, -34.4356,
31.7044)

Have a look what the booklet for
YUV(119.8490, -34.4356, 31.7044)
contains.

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Color

**YUV(119.8490, -34.4356,
31.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7332
RGB	156, 115, 50
RGB Percent	61%, 45%, 20%
CMY	0.3882, 0.5490, 0.8039
CMYK	0.00, 0.26, 0.68, 0.39
HSL	37°, 51%, 40%
HSV	37°, 68%, 61%
XYZ	20.4168, 19.5597, 5.7169
YIQ	119.8490, 45.3010, -11.5230

Conversions

Conversions Part 2

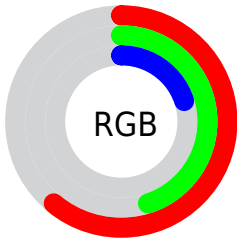
Format	Color
RYB	117, 156, 50
Decimal	10253106
CIELab	51.34, 9.21, 41.20
CIELCh	51, 42.221, 77.405
Yxy	19.5597, 0.4468, 0.4281
Android (android.graphics.Color)	4288443186 (0xFF9C7332)
YUV	119.8490, -34.4356, 31.7044
Hunter-Lab	44.2263, 5.0072, 23.2943

Details

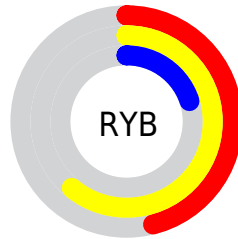
The YUV color **119.8490, -34.4356, 31.7044** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **86.1510, 34.4356, -31.7044**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0020, -36.4830, 35.0782**, and **69.5280, -34.2773, 27.6009** is the 20% darker color. If you saturate the color by 10%, you get **114.5030, -39.6880, 36.3929**, and if you desaturate by 10%, it is **125.1950, -29.1831, 27.0160**.

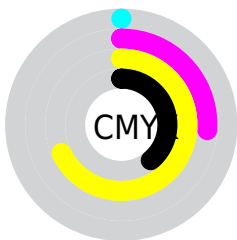
Distribution



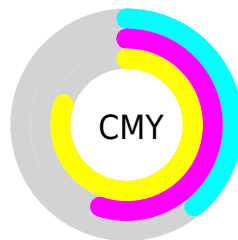
- Red (61%)
- Green (45%)
- Blue (20%)



- Red (46%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (68%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8490, -34.4356, 31.7044 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 119.8490, -34.4356, 31.7044 by changing the saturation by 10% instead.

■ 119.8490,
-34.4356, 31.7044

■ 119.8490,
-34.4356, 31.7044

255.0000, 0.0000,
0.0000

■ 94.6530, -33.8459,
29.2453

■ 173.0020,
-36.4830, 35.0782

■ 69.5280, -34.2773,
27.6009

■ 200.7850,
-37.3620, 37.0226

■ 48.8400, -24.0781,
22.9423

■ 223.7730,
-35.8771, 27.3861

■ 29.3260, -14.4577,
17.2541

■ 243.4010,
-31.7497, 10.1723

■ 7.4750, -3.6852,
15.3694

■ 249.4140,
-21.4031, 4.8989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 119.8490,
-34.4356, 31.7044

■ 119.8490,
-34.4356, 31.7044

■ 114.5030,
-39.6880, 36.3929

■ 125.1950,
-29.1831, 27.0160

■ 109.2710,
-44.5036, 40.9813

■ 130.4270,
-24.3675, 22.4275

■ 103.9250,
-49.7560, 45.6698

■ 135.7730,
-19.1151, 17.7391

■ 102.9960,
-50.7770, 46.4845

■ 141.0050,
-14.2995, 13.1506

■ 146.3510, -9.0470,
8.4622

■ 151.6970, -3.7946,
3.7737

■ 156.9290, 1.0210,
-0.8147

■ 162.2750, 6.2734,
-5.5032

■ 167.5070, 11.0890,
-10.0916

Harmonies

Analogous

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



121.7880, -25.0385, 51.0519



119.8490, -34.4356, 31.7044



117.0260, -33.0438, 5.2392

Triad

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



119.8490, -34.4356, 31.7044



98.4820, 21.9474, -86.3687



125.6910, 22.3373, 22.1960

Complementary

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



119.8490, -34.4356, 31.7044



86.1510, 34.4356, -31.7044

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.



121.2280, 34.3976, -19.4940



119.8490, -34.4356, 31.7044



100.9560, 36.5037, -88.5384

Square

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



119.8490, -34.4356, 31.7044



93.5630, 5.6384, -82.0548



98.7850, 45.9550, -86.6344



124.5560, 7.1209, 49.5014

Rectangle

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



119.8490, -34.4356, 31.7044



113.8430, -25.5586, -15.6483



98.7850, 45.9550, -86.6344



125.4660, 26.8853, 10.1153

Sweetspot

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



119.8490, -34.4356, 31.7044



189.9340, -13.2785, 12.3359



86.4820, 2.7204, 60.9673



93.9810, -7.8786, 7.0327



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



119.8490, -34.4356, 31.7044



146.8070, -54.1349, 50.1583



140.6270, -44.6791, 3.8351



76.3270, -2.6262, 2.3442



94.4130, -46.5456, 42.6108



9.7680, -4.8156, 4.5885

Inverse Universe

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



86.1510, 34.4356, -31.7044



93.6060, 54.4242, -49.6435



65.3730, 44.6791, -3.8351



73.6730, 2.6262, -2.3442



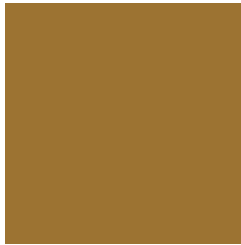
48.5870, 46.5456, -42.6108



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 119.8490, -34.4356, 31.7044 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 119.8490, -34.4356, 31.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

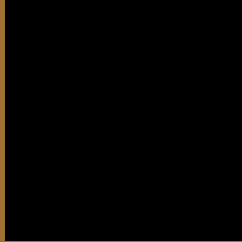
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8490, -34.4356, 31.7044

Background



This preview shows how black text looks on a background with the YUV color 119.8490, -34.4356, 31.7044.



This preview shows how white text looks on a background with the YUV color 119.8490, -34.4356, 31.7044.

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

119.8490, -34.4356, 31.7044

Protanopia

118.7930, -32.9289, 15.0905

Deuteranopia

119.8270, -34.4247, 28.2157



Tritanopia

124.7590, -4.3182, 31.7834

Trichromacy



Original Color

119.8490, -34.4356, 31.7044

Protanomaly

119.0110, -33.5294, 21.0384

Deuteranomaly

119.5390, -34.2827, 29.3453

Tritanomaly

123.1860, -15.3747, 31.4089

Monochromacy



Original Color

119.8490, -34.4356, 31.7044

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8630, -12.2575, 11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8490, -34.4356, 31.7044 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(156, 115, 50)` looks like.

```
.text, #text, p{  
    color:rgb(156, 115, 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(156, 115, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 115, 50) }
```

Border

The CSS property to change the border of an element to YUV 119.8490, -34.4356, 31.7044 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(156, 115, 50) }
```


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

```
.border{ border-color:rgb(156, 115, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 115, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 115, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 115, 50);  
box-shadow:4px 4px 4px 4px rgb(156, 115,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 119.8490, -34.4356, 31.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 115, 50) }
```

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

```
.background{ background-color: rgb(156,  
115, 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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