

Converting Colors

YUV(119.9770, -25.1317,
34.2232)

Have a look what the booklet for
YUV(119.9770, -25.1317, 34.2232)
contains.

YUV(119.9770, -25.1317, 34.2232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.9770, -25.1317,
34.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6E45
RGB	159, 110, 69
RGB Percent	62%, 43%, 27%
CMY	0.3765, 0.5686, 0.7294
CMYK	0.00, 0.31, 0.57, 0.38
HSL	27°, 39%, 45%
HSV	27°, 57%, 62%
XYZ	20.9482, 18.9525, 8.1843
YIQ	119.9770, 42.3650, -2.3630

Conversions

Conversions Part 2

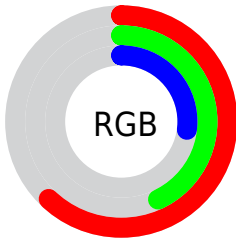
Format	Color
R_{YB}	159, 144, 69
Decimal	10448453
CIE _{Lab}	50.63, 14.82, 30.48
CIE _{LCh}	51, 33.888, 64.071
Yxy	18.9525, 0.4356, 0.3941
Android (android.graphics.Color)	4288638533 (0xFF9F6E45)
YUV	119.9770, -25.1317, 34.2232
Hunter-Lab	43.5344, 9.7066, 19.3278

Details

The YUV color **119.9770, -25.1317, 34.2232** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **108.0230, 25.1317, -34.2232**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1300, -27.1791, 37.5970**, and **70.2260, -22.7894, 29.6198** is the 20% darker color. If you saturate the color by 10%, you get **112.8700, -29.5159, 40.4560**, and if you desaturate by 10%, it is **127.0840, -20.7474, 27.9903**.

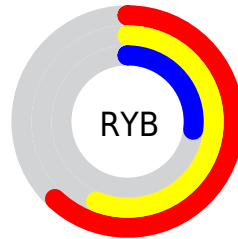
Distribution



Red (62%)

Green (43%)

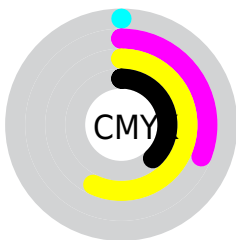
Blue (27%)



Red (62%)

Yellow (56%)

Blue (27%)

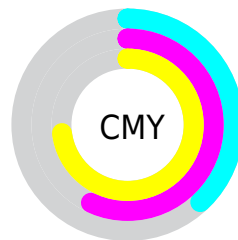


Cyan (0%)

Magenta (31%)

Yellow (57%)

Black (38%)



Cyan (38%)

Magenta (57%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9770, -25.1317, 34.2232 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 119.9770, -25.1317, 34.2232 by changing the saturation by 10% instead.

■ 119.9770,
-25.1317, 34.2232

■ 119.9770,
-25.1317, 34.2232

■ 255.0000, 0.0000,
0.0000

■ 94.8950, -24.1052,
31.6641

■ 173.1300,
-27.1791, 37.5970

■ 70.2260, -22.7894,
29.6198

■ 200.9130,
-28.0581, 39.5413

■ 46.8020, -23.0734,
27.3606

■ 223.1180,
-25.6942, 27.9605

■ 27.0000, -13.3110,
22.8020

■ 242.6320,
-22.0036, 10.8467

■ 8.9700, -4.4222,
18.4433

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

■ 119.9770,
-25.1317, 34.2232

■ 119.9770,
-25.1317, 34.2232

■ 112.8700,
-29.5159, 40.4560

■ 127.0840,
-20.7474, 27.9903

■ 106.3500,
-34.1895, 46.1741

■ 133.6040,
-16.0738, 22.2723

■ 99.2430, -38.5738,
52.4069

■ 140.7110,
-11.6895, 16.0395

■ 92.1360, -42.9580,
58.6397

■ 147.8180, -7.3053,
9.8066

■ 89.8050, -44.2739,
60.6840

■ 154.3380, -2.6316,
4.0886

■ 161.3310, 1.3158,
-2.0443

■ 168.4380, 5.7001,
-8.2771

■ 174.9580, 10.3737,

-13.9952

■ 182.0650, 14.7580,
-20.2280

Harmonies

Analogous

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



121.5730, -15.5655, 45.9785



119.9770, -25.1317, 34.2232



117.8730, -27.5454, 15.0204

Triad

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



119.9770, -25.1317, 34.2232



93.9680, 14.8058, -82.4099



123.4670, 21.9548, 4.8524

Complementary

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



119.9770, -25.1317, 34.2232



108.0230, 25.1317, -34.2232

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.



116.4240, 30.3570, -30.1898



119.9770, -25.1317, 34.2232



96.5730, 27.3255, -84.6945

Square

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



119.9770, -25.1317, 34.2232



109.7060, -7.7431, -36.5762



95.9180, 37.5084, -84.1201



124.3580, 10.6695, 31.2580

Rectangle

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



119.9770, -25.1317, 34.2232



115.8710, -24.5864, -0.7639



95.9180, 37.5084, -84.1201



121.6120, 25.3343, -5.7987

Sweetspot

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



119.9770, -25.1317, 34.2232



191.1560, -9.9369, 13.8952



101.4960, 8.1365, 50.4310



95.5620, -5.7001, 8.2771



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.9770, -25.1317, 34.2232



145.7270, -39.3054, 53.7364



146.3920, -38.1543, 11.0572



75.7400, -2.3368, 2.8590



80.9120, -39.8896, 54.4512



8.5940, -4.2368, 5.6181

Inverse Universe

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



108.0230, 25.1317, -34.2232



127.2730, 39.3054, -53.7364



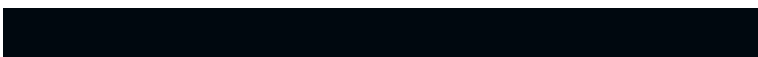
81.6080, 38.1543, -11.0572



74.2600, 2.3368, -2.8590



62.0880, 39.8896, -54.4512



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 119.9770, -25.1317, 34.2232 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 119.9770, -25.1317, 34.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

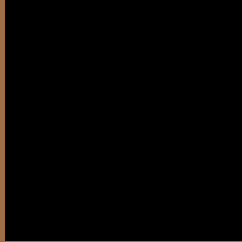
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9770, -25.1317, 34.2232

Background



This preview shows how black text looks on a background with the YUV color 119.9770, -25.1317, 34.2232.



This preview shows how white text looks on a background with the YUV color 119.9770, -25.1317, 34.2232.

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

119.9770, -25.1317, 34.2232

Protanopia

118.8170, -22.5878, 11.5615

Deuteranopia

119.5090, -25.3939, 24.9866



Tritanopia

122.9550, -4.9078, 34.2425

Trichromacy



Original Color

119.9770, -25.1317, 34.2232

Protanomaly

119.3450, -23.3411, 19.8684

Deuteranomaly

119.5310, -25.4048, 28.4753

Tritanomaly

122.0060, -12.3280, 34.1977

Monochromacy



Original Color

119.9770, -25.1317, 34.2232

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6720, -9.2053, 12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9770, -25.1317, 34.2232 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(159, 110, 69)` looks like.

```
.text, #text, p{  
    color:rgb(159, 110, 69)  
}
```

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(159, 110, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 110, 69) }
```

Border

The CSS property to change the border of an element to YUV 119.9770, -25.1317, 34.2232 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(159, 110, 69) }
```


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

```
.border{ border-color:rgb(159, 110, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 110, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 110, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 110, 69);  
box-shadow:4px 4px 4px 4px rgb(159, 110,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 119.9770, -25.1317, 34.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 110, 69) }
```

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

```
.background{ background-color: rgb(159,  
110, 69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor