

Converting Colors

YUV(138.4770, -16.9972,
-8.3113)

Have a look what the booklet for
YUV(138.4770, -16.9972, -8.3113)
contains.

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Color

**YUV(138.4770, -16.9972,
-8.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	819668
RGB	129, 150, 104
RGB Percent	51%, 59%, 41%
CMY	0.4941, 0.4118, 0.5922
CMYK	0.14, 0.00, 0.31, 0.41
HSL	87°, 18%, 50%
HSV	87°, 31%, 59%
XYZ	22.4583, 27.4793, 17.2171
YIQ	138.4770, 2.2500, -18.7580

Conversions

Conversions Part 2

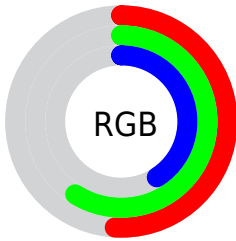
Format	Color
RYB	104, 150, 125
Decimal	8492648
CIELab	59.42, -15.95, 21.88
CIELCh	59, 27.075, 126.103
Yxy	27.4793, 0.3344, 0.4092
Android (android.graphics.Color)	4286682728 (0xFF819668)
YUV	138.4770, -16.9972, -8.3113
Hunter-Lab	52.4207, -15.2625, 17.2213

Details

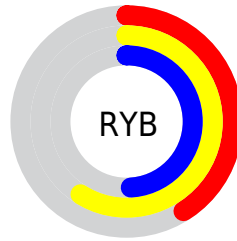
The YUV color $138.4770, -16.9972, -8.3113$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $115.5230, 16.9972, 8.3113$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.8360, -18.1601, -8.6262$, and $88.1180, -15.8342, -7.9965$ is the 20% darker color. If you saturate the color by 10%, you get $134.6740, -22.5173, -11.1151$, and if you desaturate by 10%, it is $142.2800, -11.4770, -5.5076$.

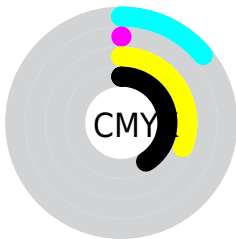
Distribution



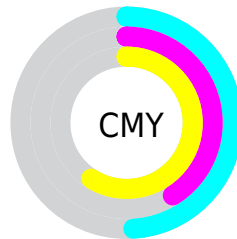
- Red (51%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4770, -16.9972, -8.3113 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 138.4770, -16.9972, -8.3113 by changing the saturation by 10% instead.

■ 138.4770,
-16.9972, -8.3113

■ 138.4770,
-16.9972, -8.3113

■ 255.0000, 0.0000,
0.0000

■ 113.0040,
-16.2710, -7.8965

■ 191.8360,
-18.1601, -8.6262

■ 88.1180, -15.8342,
-7.9965

■ 219.7220,
-18.5969, -8.5262

■ 64.3460, -14.9606,
-8.1964

■ 245.0860,
-17.2974, -5.3374

■ 41.7590, -14.6712,
-7.6816

■ 253.1760, -6.9888,
1.5996

■ 21.4860, -10.5926,
-9.1962

■ 0.0000, 0.0000,
0.0000

■ 138.4770,
-16.9972, -8.3113

■ 138.4770,
-16.9972, -8.3113

■ 134.6740,
-22.5173, -11.1151

■ 142.2800,
-11.4770, -5.5076

■ 130.8710,
-28.0374, -13.9189

■ 146.0830, -5.9569,
-2.7038

■ 127.0680,
-33.5575, -16.7226

■ 149.8860, -0.4368,
0.1000

■ 123.5640,
-39.2251, -18.9116

■ 153.3900, 5.2307,
2.2890

■ 119.7610,
-44.7452, -21.7154

■ 157.1930, 10.7509,
5.0927

■ 115.9580,
-50.2653, -24.5192

■ 160.9960, 16.2710,
7.8965

■ 112.5680,
-55.4960, -26.8081

■ 164.7990, 21.7911,
10.7003

■ 168.6020, 27.3112,

13.5040

■ 172.4050, 32.8313,
16.3078

Harmonies

Analogous

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



141.2300, -22.2984, 12.0763



138.4770, -16.9972, -8.3113



134.6190, -5.7282, -29.4839

Triad

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



138.4770, -16.9972, -8.3113



134.9570, 25.1642, -44.6893



146.0310, -3.4663, 38.5608

Complementary

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



138.4770, -16.9972, -8.3113



115.5230, 16.9972, 8.3113

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.



146.6410, 8.0650, 26.6248



138.4770, -16.9972, -8.3113



141.7690, 23.7779, -19.9684

Square

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



138.4770, -16.9972, -8.3113



129.8000, 19.8186, -56.8296



145.7400, 17.8762, 6.3670



144.5720, -14.0860, 38.0864

Rectangle

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



138.4770, -16.9972, -8.3113



132.2350, 3.3351, -43.1791



145.7400, 17.8762, 6.3670



146.6330, 0.1809, 35.4019

Sweetspot

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



138.4770, -16.9972, -8.3113



189.5560, -6.6831, -3.1186



130.0810, -12.8579, 17.4690



94.2510, -4.0677, -1.9741



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



138.4770, -16.9972, -8.3113



175.9250, -26.5850, -13.0892



131.6000, -13.6068, -22.4512



72.3050, -2.6154, -1.1445



103.4310, -50.9915, -24.9340



7.6640, -3.7784, -1.4593

Inverse Universe

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



115.5230, 16.9972, 8.3113



140.0750, 26.5850, 13.0892



122.4000, 13.6068, 22.4512



68.6950, 2.6154, 1.1445



34.5690, 50.9915, 24.9340



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 138.4770, -16.9972, -8.3113 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 138.4770, -16.9972, -8.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

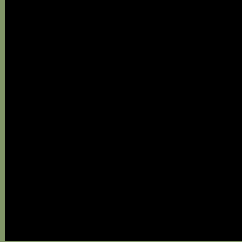
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.4770, -16.9972, -8.3113

Background



This preview shows how black text looks on a background with the YUV color 138.4770, -16.9972, -8.3113.



This preview shows how white text looks on a background with the YUV color 138.4770, -16.9972, -8.3113.

-8.3113.

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

138.4770, -16.9972, -8.3113

Protanopia

141.5010, -19.9670, 10.9616

Deuteranopia

142.8490, -17.6736, 22.0574



Tritanopia

142.8620, 5.9840, -6.0180

Trichromacy



Original Color

138.4770, -16.9972, -8.3113

Protanomaly

140.6850, -19.0717, 3.7843

Deuteranomaly

141.4840, -17.4936, 10.9765

Tritanomaly

140.9730, -2.4517, -6.9923

Monochromacy



Original Color

138.4770, -16.9972, -8.3113

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4770, -16.9972, -8.3113 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(129, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 104)  
}
```

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(129, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 104) }
```

Border

The CSS property to change the border of an element to YUV 138.4770, -16.9972, -8.3113 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(129, 150, 104) }
```


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

```
.border{ border-color:rgb(129, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 138.4770, -16.9972, -8.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 104) }
```

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

```
.background{ background-color: rgb(129,  
150, 104) }
```

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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