

Converting Colors

YUV(138.0770, -16.8000,
21.8575)

Have a look what the booklet for
YUV(138.0770, -16.8000, 21.8575)
contains.

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Color

**YUV(138.0770, -16.8000,
21.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	A38468
RGB	163, 132, 104
RGB Percent	64%, 52%, 41%
CMY	0.3608, 0.4824, 0.5922
CMYK	0.00, 0.19, 0.36, 0.36
HSL	28°, 24%, 52%
HSV	28°, 36%, 64%
XYZ	25.8542, 25.2885, 16.6152
YIQ	138.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

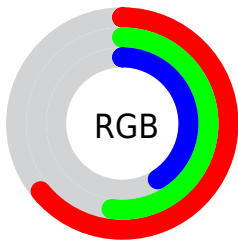
Format	Color
R_{YB}	163, 157, 104
Decimal	10716264
CIE Lab	57.36, 7.78, 19.60
CIE LCh	57, 21.087, 68.350
Yxy	25.2885, 0.3816, 0.3732
Android (android.graphics.Color)	4288906344 (0xFFA38468)
YUV	138.0770, -16.8000, 21.8575
Hunter-Lab	50.2877, 3.7680, 15.6118

Details

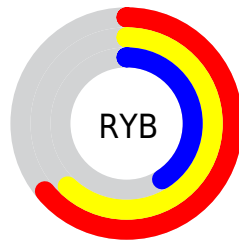
The YUV color $138.0770, -16.8000, 21.8575$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $128.9230, 16.8000, -21.8575$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.7460, -18.1158, 23.9018$, and $88.1090, -15.3367, 19.1984$ is the 20% darker color. If you saturate the color by 10%, you get $130.9700, -21.1842, 28.0903$, and if you desaturate by 10%, it is $145.1840, -12.4157, 15.6246$.

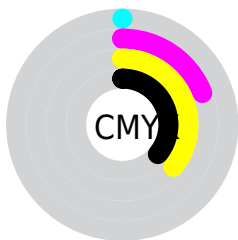
Distribution



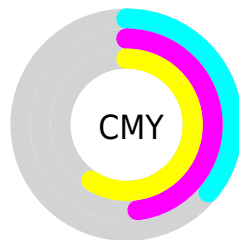
- Red (64%)
- Green (52%)
- Blue (41%)



- Red (64%)
- Yellow (62%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.0770, -16.8000, 21.8575 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 138.0770, -16.8000, 21.8575 by changing the saturation by 10% instead.

■ 138.0770,
-16.8000, 21.8575

■ 138.0770,
-16.8000, 21.8575

■ 255.0000, 0.0000,
0.0000

■ 112.5930,
-16.0683, 20.5279

■ 191.7460,
-18.1158, 23.9018

■ 88.1090, -15.3367,
19.1984

■ 219.9310,
-18.7000, 24.6165

■ 64.6250, -14.6051,
17.8689

■ 241.6520,
-15.6044, 11.7062

■ 41.8420, -13.7261,
15.9246

■ 253.0620, -7.4256,
1.6996

■ 21.6290, -10.6631,
13.4804

■ 0.0000, 0.0000,
0.0000

■ 138.0770,
-16.8000, 21.8575

■ 138.0770,
-16.8000, 21.8575

■ 130.9700,
-21.1842, 28.0903

■ 145.1840,
-12.4157, 15.6246

■ 124.3360,
-26.2946, 33.9083

■ 151.8180, -7.3053,
9.8066

■ 117.2290,
-30.6789, 40.1412

■ 158.9250, -2.9210,
3.5738

■ 110.7090,
-35.3525, 45.8592

■ 165.4450, 1.7526,
-2.1443

■ 103.4880,
-40.1736, 52.1920

■ 172.6660, 6.5737,
-8.4771

■ 96.9680, -44.8472,
57.9101

■ 179.1860, 11.2473,
-14.1951

■ 93.9360, -46.3104,
60.5691

■ 186.2930, 15.6316,
-20.4280

■ 193.4000, 20.0158,

-26.6608

■ 200.0340, 25.1262,
-32.4788

Harmonies

Analogous

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



139.5000, -11.5855, 29.3795



138.0770, -16.8000, 21.8575



136.1740, -17.3408, 8.6174

Triad

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



138.0770, -16.8000, 21.8575



129.3760, 6.2236, -36.2868



139.8880, 13.3662, 6.2372

Complementary

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



138.0770, -16.8000, 21.8575



128.9230, 16.8000, -21.8575

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.



137.3200, 18.0832, -13.4356



138.0770, -16.8000, 21.8575



129.9440, 14.8176, -39.4159

Square

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



138.0770, -16.8000, 21.8575



131.8200, -3.8553, -23.5211



132.7370, 18.8637, -30.4643



140.9240, 5.4605, 21.9917

Rectangle

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



138.0770, -16.8000, 21.8575



135.0910, -14.8349, -1.8338



132.7370, 18.8637, -30.4643



139.0120, 15.2771, -0.0105

Sweetspot

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



138.0770, -16.8000, 21.8575



201.6330, -6.7211, 9.0919



125.1750, 4.8437, 33.1725



101.2950, -4.0894, 5.0033



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



138.0770, -16.8000, 21.8575



173.4500, -25.8579, 33.8083



155.1000, -25.1923, 6.9283



78.0390, -2.4842, 3.4738



83.8580, -41.3420, 53.6215



10.0780, -4.9685, 6.9476

Inverse Universe

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



128.9230, 16.8000, -21.8575



158.9630, 26.1472, -33.2936



111.9000, 25.1923, -6.9283



76.9610, 2.4842, -3.4738



61.1420, 41.3420, -53.6215



7.3350, 5.2578, -6.4328

Previews

White Background



This preview shows how the YUV color 138.0770, -16.8000, 21.8575 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 138.0770, -16.8000, 21.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

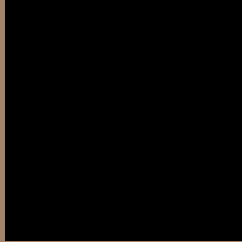
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.0770, -16.8000, 21.8575

Background



This preview shows how black text looks on a background with the YUV color 138.0770, -16.8000, 21.8575.



This preview shows how white text looks on a background with the YUV color 138.0770, -16.8000, 21.8575.

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

138.0770, -16.8000, 21.8575

Protanopia

137.1570, -14.8674, 8.6323

Deuteranopia

137.7780, -16.6526, 21.2427



Tritanopia

139.8010, -1.3809, 22.9765

Trichromacy



Original Color

138.0770, -16.8000, 21.8575

Protanomaly

137.6630, -15.6099, 13.4505

Deuteranomaly

137.7780, -16.6526, 21.2427

Tritanomaly

139.3080, -7.0538, 22.5319

Monochromacy



Original Color

138.0770, -16.8000, 21.8575

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1490, -5.9895, 7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0770, -16.8000, 21.8575 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(163, 132, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 132, 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(163, 132, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 132, 104) }
```

Border

The CSS property to change the border of an element to YUV 138.0770, -16.8000, 21.8575 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(163, 132, 104) }
```


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

```
.border{ border-color:rgb(163, 132, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 132, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 132, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 132, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 132,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 138.0770, -16.8000, 21.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 132, 104) }
```

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

```
.background{ background-color: rgb(163,  
132, 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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