

Converting Colors

YUV(138.0060, -19.2300,
7.8877)

Have a look what the booklet for
YUV(138.0060, -19.2300, 7.8877)
contains.

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Color

**YUV(138.0060, -19.2300,
7.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	938D63
RGB	147, 141, 99
RGB Percent	58%, 55%, 39%
CMY	0.4235, 0.4471, 0.6118
CMYK	0.00, 0.04, 0.33, 0.42
HSL	53°, 20%, 48%
HSV	53°, 33%, 58%
XYZ	23.8096, 26.1536, 15.5976
YIQ	138.0060, 17.0580, -11.7900

Conversions

Conversions Part 2

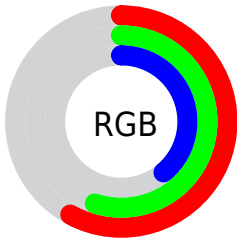
Format	Color
R_{YB}	106, 147, 99
Decimal	9669987
CIE Lab	58.18, -4.56, 23.25
CIE LCh	58, 23.696, 101.097
Yxy	26.1536, 0.3632, 0.3989
Android (android.graphics.Color)	4287860067 (0xFF938D63)
YUV	138.0060, -19.2300, 7.8877
Hunter-Lab	51.1406, -6.3916, 17.7153

Details

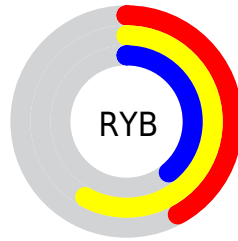
The YUV color $138.0060, -19.2300, 7.8877$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $107.9940, 19.2300, -7.8877$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.9630, -20.6878, 8.8024$, and $88.0490, -17.7722, 6.9730$ is the 20% darker color. If you saturate the color by 10%, you get $135.1220, -25.2031, 10.4170$, and if you desaturate by 10%, it is $140.8900, -13.2568, 5.3585$.

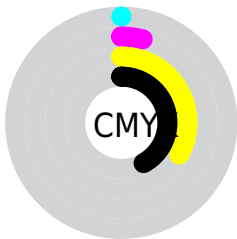
Distribution



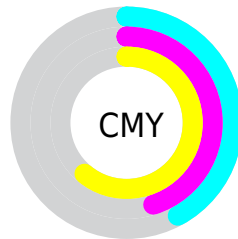
- Red (58%)
- Green (55%)
- Blue (39%)



- Red (42%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.0060, -19.2300, 7.8877 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 138.0060, -19.2300, 7.8877 by changing the saturation by 10% instead.

■ 138.0060,
-19.2300, 7.8877

■ 138.0060,
-19.2300, 7.8877

■ 255.0000, 0.0000,
0.0000

■ 112.8210,
-18.6458, 7.1730

■ 191.9630,
-20.6878, 8.8024

■ 88.0490, -17.7722,
6.9730

■ 219.2620,
-20.8352, 9.4172

■ 64.5650, -17.0405,
5.6435

■ 246.9520,
-20.6823, 7.0581

■ 42.1520, -17.3299,
5.1287

■ 252.4920, -9.6096,
2.1995

■ 22.4490, -11.0674,
3.1142

■ 0.0000, 0.0000,
0.0000

■ 138.0060,
-19.2300, 7.8877

■ 138.0060,
-19.2300, 7.8877

■ 135.1220,
-25.2031, 10.4170

■ 140.8900,
-13.2568, 5.3585

■ 132.3520,
-30.7395, 12.8463

■ 143.6600, -7.7204,
2.9292

■ 129.4680,
-36.7127, 15.3756

■ 146.5440, -1.7472,
0.3999

■ 127.1710,
-42.9753, 17.3900

■ 148.8410, 4.5154,
-1.6146

■ 124.4010,
-48.5117, 19.8193

■ 151.7250, 10.4886,
-4.1438

■ 121.5170,
-54.4849, 22.3486

■ 154.4950, 16.0250,
-6.5731

■ 119.6760,
-59.0003, 23.9631

■ 157.3790, 21.9982,
-9.1024

■ 160.2630, 27.9713,

-11.6317

■ 163.0330, 33.5077,
-14.0609

Harmonies

Analogous

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



139.8060, -19.1314, 22.9721



138.0060, -19.2300, 7.8877



135.6770, -13.6448, -10.2407

Triad

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



138.0060, -19.2300, 7.8877



130.2960, 17.6021, -45.8636



143.2450, 5.3022, 26.0951

Complementary

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



138.0060, -19.2300, 7.8877



107.9940, 19.2300, -7.8877

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.



142.7250, 13.9396, 9.0112



138.0060, -19.2300, 7.8877



134.8120, 21.7847, -34.0381

Square

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



138.0060, -19.2300, 7.8877



129.6140, 8.5713, -42.6345



139.4880, 19.9724, -12.7060



142.9550, -4.9078, 34.2425

Rectangle

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



138.0060, -19.2300, 7.8877



133.3210, -7.0603, -22.2065



139.4880, 19.9724, -12.7060



143.3090, 8.2287, 20.7770

Sweetspot

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



138.0060, -19.2300, 7.8877



187.6600, -7.7204, 2.9292



114.0360, -4.4547, 28.9094



94.4580, -4.6628, 2.2293



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.



138.0060, -19.2300, 7.8877



177.2810, -29.7185, 12.0316



136.1460, -18.3130, -6.2670



72.6150, -2.7682, 1.2146



111.7020, -55.0691, 23.0633



8.2730, -4.0786, 1.5146

Inverse Universe

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



107.9940, 19.2300, -7.8877



130.7190, 29.7185, -12.0316



109.8540, 18.3130, 6.2670



67.7980, 3.0576, -0.6998



25.7110, 55.3585, -22.5485



1.7270, 4.0786, -1.5146

Previews

White Background



This preview shows how the YUV color 138.0060, -19.2300, 7.8877 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 138.0060, -19.2300, 7.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

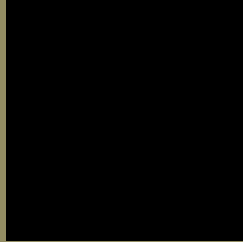
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.0060, -19.2300, 7.8877

Background



This preview shows how black text looks on a background with the YUV color 138.0060, -19.2300, 7.8877.



This preview shows how white text looks on a background with the YUV color 138.0060, -19.2300, 7.8877.

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

138.0060, -19.2300, 7.8877

Protanopia

138.5010, -19.9670, 10.9616

Deuteranopia

139.6920, -19.5682, 23.0721



Tritanopia

141.3370, 2.2989, 9.3515

Trichromacy



Original Color

138.0060, -19.2300, 7.8877

Protanomaly

138.2020, -19.8196, 10.3468

Deuteranomaly

139.3600, -19.4045, 17.2243

Tritanomaly

139.9750, -5.4107, 8.7919

Monochromacy



Original Color

138.0060, -19.2300, 7.8877

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8880, -6.8468, 2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0060, -19.2300, 7.8877 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(147, 141, 99)` looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 99)  
}
```

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(147, 141, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 99) }
```

Border

The CSS property to change the border of an element to YUV 138.0060, -19.2300, 7.8877 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(147, 141, 99) }
```


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

```
.border{ border-color:rgb(147, 141, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 141, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 99);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 138.0060, -19.2300, 7.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 99) }
```

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

```
.background{ background-color: rgb(147,  
141, 99) }
```

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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