

Converting Colors

YUV(136.6740, -19.0663,
2.0399)

Have a look what the booklet for
YUV(136.6740, -19.0663, 2.0399)
contains.

YUV(136.6740, -19.0663, 2.0399)	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(136.6740, -19.0663,
2.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8F62
RGB	139, 143, 98
RGB Percent	55%, 56%, 38%
CMY	0.4549, 0.4392, 0.6157
CMYK	0.03, 0.00, 0.31, 0.44
HSL	65°, 19%, 47%
HSV	65°, 31%, 56%
XYZ	22.6745, 26.0157, 15.3817
YIQ	136.6740, 12.0610, -14.8430

Conversions

Conversions Part 2

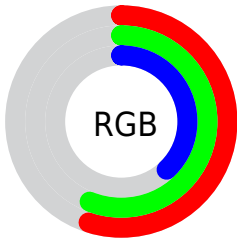
Format	Color
R_{YB}	98, 143, 102
Decimal	9146210
CIE Lab	58.05, -9.09, 23.51
CIE LCh	58, 25.209, 111.133
Yxy	26.0157, 0.3539, 0.4060
Android (android.graphics.Color)	4287336290 (0xFF8B8F62)
YUV	136.6740, -19.0663, 2.0399
Hunter-Lab	51.0056, -9.9077, 17.8239

Details

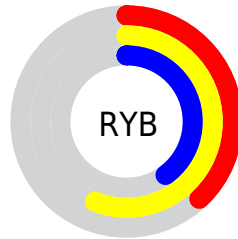
The YUV color $136.6740, -19.0663, 2.0399$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $104.3260, 19.0663, -2.0399$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.3320, -20.3767, 2.3398$, and $86.7170, -17.6085, 1.1252$ is the 20% darker color. If you saturate the color by 10%, you get $134.7790, -25.0340, 2.8248$, and if you desaturate by 10%, it is $138.5690, -13.0985, 1.2550$.

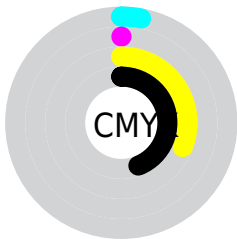
Distribution



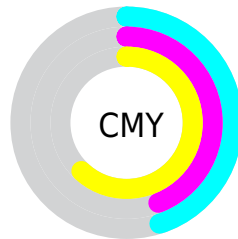
- Red (55%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (56%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6740, -19.0663, 2.0399 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 136.6740, -19.0663, 2.0399 by changing the saturation by 10% instead.

■ 136.6740,
-19.0663, 2.0399

■ 136.6740,
-19.0663, 2.0399

■ 255.0000, 0.0000,
0.0000

■ 110.9020,
-18.1927, 1.8399

■ 190.3320,
-20.3767, 2.3398

■ 86.7170, -17.6085,
1.1252

■ 218.2180,
-20.8135, 2.4398

■ 62.9450, -16.7349,
0.9252

■ 246.4030,
-21.3977, 3.1546

■ 40.7170, -17.6085,
1.1252

■ 252.3780,
-10.0464, 2.2995

■ 21.5300, -10.6143,
-2.2188

■ 0.0000, 0.0000,
0.0000

■ 136.6740,
-19.0663, 2.0399

■ 136.6740,
-19.0663, 2.0399

■ 134.7790,
-25.0340, 2.8248

■ 138.5690,
-13.0985, 1.2550

■ 132.4710,
-31.2912, 3.0949

■ 140.8770, -6.8414,
0.9849

■ 130.5760,
-37.2590, 3.8798

■ 142.7720, -0.8736,
0.2000

■ 128.6810,
-43.2267, 4.6648

■ 144.6670, 5.0942,
-0.5850

■ 126.7860,
-49.1945, 5.4497

■ 146.6760, 11.4987,
-1.4699

■ 124.4780,
-55.4517, 5.7198

■ 148.8700, 17.3191,
-1.6400

■ 122.8110,
-60.5458, 6.3048

■ 150.7650, 23.2869,
-2.4249

■ 152.6600, 29.2546,

-3.2098

■ 154.6690, 35.6592,
-4.0947

Harmonies

Analogous

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



138.9150, -21.1571, 19.3685



136.6740, -19.0663, 2.0399



133.6160, -11.1497, -17.2032

Triad

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



136.6740, -19.0663, 2.0399



129.6100, 21.3913, -47.8930



143.0670, 1.9390, 31.5132

Complementary

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



136.6740, -19.0663, 2.0399



104.3260, 19.0663, -2.0399

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.



142.9000, 11.8813, 15.8737



136.6740, -19.0663, 2.0399



135.5890, 23.3736, -30.3346

Square

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



136.6740, -19.0663, 2.0399



128.1230, 13.2504, -50.0969



140.4180, 19.5139, -5.6286



142.0540, -8.4076, 36.7866

Rectangle

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



136.6740, -19.0663, 2.0399



131.8900, -3.3968, -30.5985



140.4180, 19.5139, -5.6286



142.9570, 5.4442, 27.2247

Sweetspot

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



136.6740, -19.0663, 2.0399



183.7630, -7.2782, 1.0848



113.8030, -7.7909, 25.6058



92.5610, -4.2206, 0.3850



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



136.6740, -19.0663, 2.0399



176.1120, -30.1282, 3.4098



130.0960, -15.8233, -11.4852



70.2020, -3.0576, 0.6998



116.0220, -57.1988, 6.1197



6.7890, -3.3470, 0.1850

Inverse Universe

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



104.3260, 19.0663, -2.0399



125.1870, 29.9808, -2.7950



110.9040, 15.8233, 11.4852



65.0970, 2.9102, -0.0851



18.9780, 57.1988, -6.1197



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 136.6740, -19.0663, 2.0399 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 136.6740, -19.0663, 2.0399 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

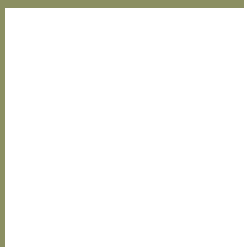
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.6740, -19.0663, 2.0399

Background



This preview shows how black text looks on a background with the YUV color 136.6740, -19.0663, 2.0399.



This preview shows how white text looks on a background with the YUV color 136.6740, -19.0663, 2.0399.

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

136.6740, -19.0663, 2.0399

Protanopia

137.6860, -20.5512, 11.6764

Deuteranopia

139.3930, -19.4207, 22.4573



Tritanopia

140.5320, 3.1887, 3.9184

Trichromacy



Original Color

136.6740, -19.0663, 2.0399

Protanomaly

137.1910, -19.8142, 8.6025

Deuteranomaly

138.3490, -19.3991, 15.4799

Tritanomaly

139.0560, -4.9576, 3.4589

Monochromacy



Original Color

136.6740, -19.0663, 2.0399

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6740, -19.0663, 2.0399 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(139, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 98)  
}
```

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(139, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 98) }
```

Border

The CSS property to change the border of an element to YUV 136.6740, -19.0663, 2.0399 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(139, 143, 98) }
```


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

```
.border{ border-color:rgb(139, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 136.6740, -19.0663, 2.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 98) }
```

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

```
.background{ background-color: rgb(139,  
143, 98) }
```

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