

Converting Colors

YUV(136.7010, -16.6146,
9.0322)

Have a look what the booklet for
YUV(136.7010, -16.6146, 9.0322)
contains.

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Color

**YUV(136.7010, -16.6146,
9.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	938A67
RGB	147, 138, 103
RGB Percent	58%, 54%, 40%
CMY	0.4235, 0.4588, 0.5961
CMYK	0.00, 0.06, 0.30, 0.42
HSL	48°, 18%, 49%
HSV	48°, 30%, 58%
XYZ	23.5693, 25.3593, 16.4846
YIQ	136.7010, 16.5990, -8.9770

Conversions

Conversions Part 2

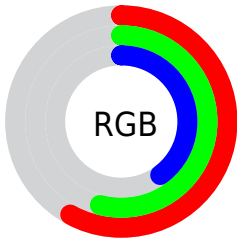
Format	Color
R_{YB}	114, 147, 103
Decimal	9669223
CIE Lab	57.42, -2.35, 20.00
CIE LCh	57, 20.136, 96.715
Yxy	25.3593, 0.3603, 0.3877
Android (android.graphics.Color)	4287859303 (0xFF938A67)
YUV	136.7010, -16.6146, 9.0322
Hunter-Lab	50.3580, -4.5823, 15.8422

Details

The YUV color $136.7010, -16.6146, 9.0322$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $113.2990, 16.6146, -9.0322$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0710, -17.7830, 10.4617$, and $86.7440, -15.1568, 8.1175$ is the 20% darker color. If you saturate the color by 10%, you get $133.2300, -22.2984, 12.0763$, and if you desaturate by 10%, it is $140.1720, -10.9308, 5.9882$.

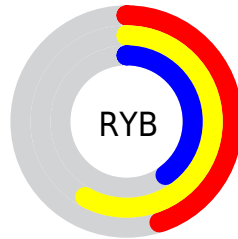
Distribution



Red (58%)

Green (54%)

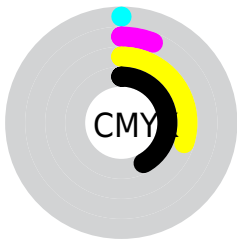
Blue (40%)



Red (45%)

Yellow (58%)

Blue (40%)

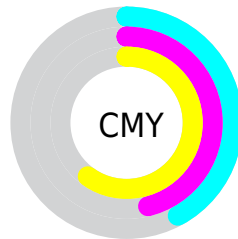


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7010, -16.6146, 9.0322 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 136.7010, -16.6146, 9.0322 by changing the saturation by 10% instead.

■ 136.7010,
-16.6146, 9.0322

■ 136.7010,
-16.6146, 9.0322

■ 255.0000, 0.0000,
0.0000

■ 111.5160,
-16.0304, 8.3175

■ 190.0710,
-17.7830, 10.4617

■ 86.7440, -15.1568,
8.1175

■ 217.9570,
-18.2198, 10.5617

■ 63.2600, -14.4252,
6.7880

■ 245.6470,
-18.0670, 8.2026

■ 40.9610, -14.2778,
6.1732

■ 252.9480, -7.8624,
1.7996

■ 21.5740, -10.6360,
4.7586

■ 0.0000, 0.0000,
0.0000

■ 136.7010,
-16.6146, 9.0322

■ 136.7010,
-16.6146, 9.0322

■ 133.2300,
-22.2984, 12.0763

■ 140.1720,
-10.9308, 5.9882

■ 129.8730,
-27.5454, 15.0204

■ 143.5290, -5.6838,
3.0441

■ 126.4020,
-33.2292, 18.0644

■ 147.0000, 0.0000,
0.0000

■ 122.9310,
-38.9130, 21.1085

■ 150.4710, 5.6838,
-3.0441

■ 119.5740,
-44.1600, 24.0526

■ 153.9420, 11.3676,
-6.0881

■ 116.1030,
-49.8438, 27.0967

■ 157.2990, 16.6146,
-9.0322

■ 112.6320,
-55.5276, 30.1407

■ 160.7700, 22.2984,
-12.0763

■ 164.2410, 27.9822,

-15.1204

■ 167.5980, 33.2292,
-18.0644

Harmonies

Analogous

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



138.3050, -15.9264, 21.6575



136.7010, -16.6146, 9.0322



134.6390, -12.6400, -5.8224

Triad

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



136.7010, -16.6146, 9.0322



130.6130, 13.5018, -37.3716



140.9130, 5.4659, 20.2473

Complementary

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



136.7010, -16.6146, 9.0322



113.2990, 16.6146, -9.0322

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.



140.0620, 12.7874, 5.2076



136.7010, -16.6146, 9.0322



133.2210, 18.1320, -29.1348

Square

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



136.7010, -16.6146, 9.0322



130.4580, 5.1972, -33.7277



137.0920, 17.2096, -13.2357



140.3780, -3.1444, 28.6095

Rectangle

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



136.7010, -16.6146, 9.0322



133.2400, -7.5133, -16.8735



137.0920, 17.2096, -13.2357



140.5750, 8.0975, 16.1587

Sweetspot

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



136.7010, -16.6146, 9.0322



187.3010, -6.5574, 3.2440



117.2960, -2.1179, 26.0504



94.5720, -4.2260, 2.1294



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.



136.7010, -16.6146, 9.0322



174.9160, -26.0876, 14.1057



138.3960, -17.4502, -2.9783



72.0280, -2.4788, 1.7294



105.8320, -52.1752, 28.2113



7.6860, -3.7892, 2.0294

Inverse Universe

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



113.2990, 16.6146, -9.0322



138.0840, 26.0876, -14.1057



111.6040, 17.4502, 2.9783



68.3850, 2.7682, -1.2146



32.1680, 52.1752, -28.2113



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 136.7010, -16.6146, 9.0322 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 136.7010, -16.6146, 9.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

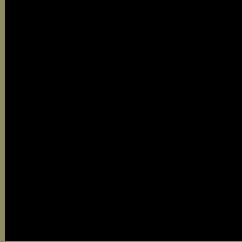
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

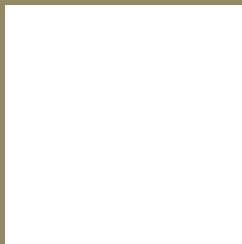
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.7010, -16.6146, 9.0322

Background



This preview shows how black text looks on a background with the YUV color 136.7010, -16.6146, 9.0322.



This preview shows how white text looks on a background with the YUV color 136.7010, -16.6146, 9.0322.

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

136.7010, -16.6146, 9.0322

Protanopia

137.0000, -16.7620, 9.6470

Deuteranopia

137.7780, -16.6526, 21.2427



Tritanopia

139.8210, 1.5672, 10.6810

Trichromacy



Original Color

136.7010, -16.6146, 9.0322

Protanomaly

137.0000, -16.7620, 9.6470

Deuteranomaly

137.4570, -16.4943, 17.1392

Tritanomaly

138.6870, -5.2687, 9.9215

Monochromacy



Original Color

136.7010, -16.6146, 9.0322

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7010, -16.6146, 9.0322 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, 138, 103)` looks like.

```
.text, #text, p{  
    color:rgb(147, 138, 103)  
}
```

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, 138, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 138, 103) }
```

Border

The CSS property to change the border of an element to YUV 136.7010, -16.6146, 9.0322 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, 138, 103) }
```


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

```
.border{ border-color:rgb(147, 138, 103) }
```

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

Here you see how a box with a 4 pixel rgb(147, 138, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 138, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 138, 103);  
box-shadow:4px 4px 4px 4px rgb(147, 138,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 136.7010, -16.6146, 9.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 138, 103) }
```

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

```
.background{ background-color: rgb(147,  
138, 103) }
```

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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