

Converting Colors

YUV(136.8270, -7.8027,
-17.3883)

Have a look what the booklet for
YUV(136.8270, -7.8027, -17.3883)
contains.

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Color

**YUV(136.8270, -7.8027,
-17.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	759679
RGB	117, 150, 121
RGB Percent	46%, 59%, 47%
CMY	0.5412, 0.4118, 0.5255
CMYK	0.22, 0.00, 0.19, 0.41
HSL	127°, 14%, 52%
HSV	127°, 22%, 59%
XYZ	21.6937, 26.9751, 22.1525
YIQ	136.8270, -10.3590, -16.0150

Conversions

Conversions Part 2

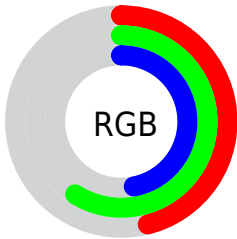
Format	Color
R_{YB}	117, 146, 150
Decimal	7706233
CIE _{Lab}	58.95, -17.50, 11.60
CIE _{LCh}	59, 20.995, 146.473
Yxy	26.9751, 0.3063, 0.3809
Android (android.graphics.Color)	4285896313 (0xFF759679)
YUV	136.8270, -7.8027, -17.3883
Hunter-Lab	51.9375, -16.3335, 11.0678

Details

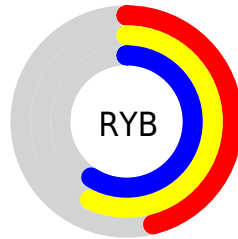
The YUV color **136.8270, -7.8027, -17.3883** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **130.1730, 7.8027, 17.3883**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3000, -8.5289, -17.8031**, and **86.6530, -7.2239, -16.3587** is the 20% darker color. If you saturate the color by 10%, you get **130.8600, -11.2700, -25.3102**, and if you desaturate by 10%, it is **142.7940, -4.3354, -9.4663**.

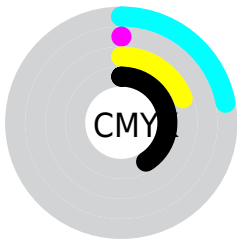
Distribution



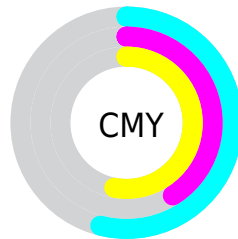
- Red (46%)
- Green (59%)
- Blue (47%)



- Red (46%)
- Yellow (57%)
- Blue (59%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (54%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8270, -7.8027, -17.3883 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 136.8270, -7.8027, -17.3883 by changing the saturation by 10% instead.

■ 136.8270, -7.8027,
-17.3883

■ 136.8270, -7.8027,
-17.3883

255.0000, 0.0000,
0.0000

■ 111.2400, -7.5133,
-16.8735

■ 190.3000, -8.5289,
-17.8031

■ 86.6530, -7.2239,
-16.3587

■ 218.0010, -8.3815,
-18.4179

■ 63.1800, -6.4977,
-15.9439

■ 243.0660, -6.9345,
-15.8439

■ 40.7070, -5.7716,
-15.5290

254.7010, 0.1474,
-0.6148

■ 18.6530, -7.2239,
-16.3587

■ 0.0000, 0.0000,
0.0000

■ 136.8270, -7.8027,
-17.3883

■ 136.8270, -7.8027,
-17.3883

■ 130.8600,
-11.2700, -25.3102

■ 142.7940, -4.3354,
-9.4663

■ 124.8930,
-14.7372, -33.2322

■ 148.7610, -0.8682,
-1.5444

■ 118.8120,
-18.6413, -41.0541

■ 154.8420, 3.0359,
6.2776

■ 112.8450,
-22.1086, -48.9761

■ 160.8090, 6.5032,
14.1995

■ 106.8780,
-25.5759, -56.8980

■ 166.7760, 9.9704,
22.1214

■ 100.9110,
-29.0431, -64.8199

■ 172.7430, 13.4377,
30.0434

■ 94.9440, -32.5104,
-72.7419

■ 178.7100, 16.9050,
37.9653

■ 90.1020, -35.5463,

■ 184.6770, 20.3722,

-79.0195

45.8873

 190.7580, 24.2763,
53.7092

Harmonies

Analogous

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



139.3900, -14.9823, -1.2190



136.8270, -7.8027, -17.3883



134.3720, 2.2816, -31.8982

Triad

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



136.8270, -7.8027, -17.3883



139.8030, 18.8311, -19.9982



144.1950, -8.9701, 30.5240

Complementary

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



136.8270, -7.8027, -17.3883



130.1730, 7.8027, 17.3883

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.



145.1760, -0.0868, 27.9096



136.8270, -7.8027, -17.3883



143.4140, 15.5719, -1.2401

Square

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



136.8270, -7.8027, -17.3883



135.4760, 18.0063, -35.4975



144.9880, 8.3869, 16.6735



142.8540, -15.2110, 25.5610

Rectangle

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



136.8270, -7.8027, -17.3883



133.4620, 9.1392, -38.1162



144.9880, 8.3869, 16.6735



144.5910, -6.2074, 31.0537

Sweetspot

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



136.8270, -7.8027, -17.3883



188.4460, -3.1779, -7.4071



145.0420, -13.8247, 0.8402



93.8100, -1.8783, -4.2184



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.



136.8270, -7.8027, -17.3883



173.7350, -11.7014, -26.9546



138.6510, -0.8139, -18.9879



71.1090, -2.0257, -3.6036



82.9440, -32.5104, -72.7419



5.9840, -2.4571, -5.2480

Inverse Universe

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



130.1730, 7.8027, 17.3883



163.3790, 12.1382, 26.8546



128.3490, 0.8139, 18.9879



69.7770, 1.5889, 3.7036



55.0560, 32.5104, 72.7419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 136.8270, -7.8027, -17.3883 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 136.8270, -7.8027, -17.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

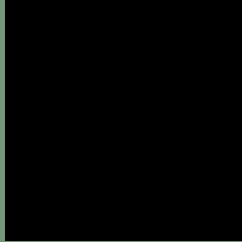
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8270, -7.8027, -17.3883

Background



This preview shows how black text looks on a background with the YUV color 136.8270, -7.8027, -17.3883.



This preview shows how white text looks on a background with the YUV color 136.8270, -7.8027, -17.3883.

-17.3883.

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

136.8270, -7.8027, -17.3883

Protanopia

140.9550, -11.8098, 7.9325

Deuteranopia

142.1070, -8.9268, 16.5692



Tritanopia

139.7900, 8.4845, -14.7248

Trichromacy



Original Color

136.8270, -7.8027, -17.3883

Protanomaly

139.2420, -10.4723, -1.0892

Deuteranomaly

140.1440, -8.4520, 4.2587

Tritanomaly

138.8840, 2.5222, -15.6843

Monochromacy



Original Color

136.8270, -7.8027, -17.3883

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1580, -3.0359, -6.2776

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8270, -7.8027, -17.3883 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(117, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 121)  
}
```

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(117, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 121) }
```

Border

The CSS property to change the border of an element to YUV 136.8270, -7.8027, -17.3883 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(117, 150, 121) }
```


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

```
.border{ border-color:rgb(117, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 136.8270, -7.8027, -17.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 121) }
```

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

```
.background{ background-color: rgb(117,  
150, 121) }
```

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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