

Converting Colors

YUV(137.1860, 31.4603,
-10.6871)

Have a look what the booklet for
YUV(137.1860, 31.4603, -10.6871)
contains.

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Color

**YUV(137.1860, 31.4603,
-10.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	7D83C9
RGB	125, 131, 201
RGB Percent	49%, 51%, 79%
CMY	0.5098, 0.4863, 0.2118
CMYK	0.38, 0.35, 0.00, 0.21
HSL	235°, 41%, 64%
HSV	235°, 38%, 79%
XYZ	27.1164, 24.8096, 58.6179
YIQ	137.1860, -26.0460, 20.4980

Conversions

Conversions Part 2

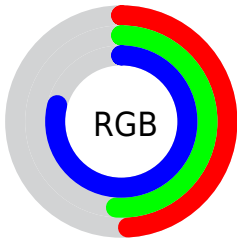
Format	Color
RYB	125, 131, 201
Decimal	8225737
CIELab	56.89, 14.98, -37.03
CIELCh	57, 39.942, 292.022
Yxy	24.8096, 0.2453, 0.2244
Android (android.graphics.Color)	4286415817 (0xFF7D83C9)
YUV	137.1860, 31.4603, -10.6871
Hunter-Lab	49.8093, 10.0099, -34.9088

Details

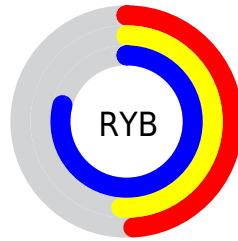
The YUV color $137.1860, 31.4603, -10.6871$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.8140, -31.4603, 10.6871$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.8980, 31.6023, -9.5575$, and $86.4200, 29.8659, -12.6463$ is the 20% darker color. If you saturate the color by 10%, you get $120.0530, 39.9069, -13.2015$, and if you desaturate by 10%, it is $154.3190, 23.0137, -8.1728$.

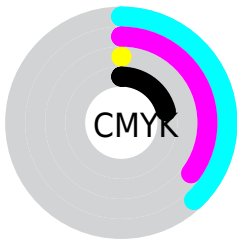
Distribution



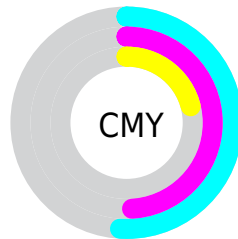
- Red (49%)
- Green (51%)
- Blue (79%)



- Red (49%)
- Yellow (51%)
- Blue (79%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1860, 31.4603, -10.6871 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 137.1860, 31.4603, -10.6871 by changing the saturation by 10% instead.

■ 137.1860, 31.4603,
-10.6871

■ 137.1860, 31.4603,
-10.6871

255.0000, 0.0000,
0.0000

■ 111.2460, 30.4447,
-11.6167

■ 190.8980, 31.6023,
-9.5575

■ 86.4200, 29.8659,
-12.6463

■ 215.1190, 19.6613,
-6.2434

■ 61.8820, 29.1452,
-14.8055

■ 240.8130, 6.9942,
-3.3440

■ 37.0230, 28.5827,
-21.0682

■ 18.6600, 25.8036,
-16.3648

■ 7.2330, 20.0981,
-6.3433

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 137.1860, 31.4603,
-10.6871

■ 137.1860, 31.4603,
-10.6871

■ 120.0530, 39.9069,
-13.2015

■ 154.3190, 23.0137,
-8.1728

■ 103.5070, 48.0640,
-16.2306

■ 170.8650, 14.8566,
-5.1436

■ 86.3740, 56.5106,
-18.7450

■ 187.9980, 6.4100,
-2.6292

■ 69.8280, 64.6678,
-21.7742

■ 204.5440, -1.7472,
0.3999

■ 52.6950, 73.1144,
-24.2885

■ 221.9760,
-10.3412, 3.5290

■ 35.8500, 81.4189,
-27.9325

■ 238.5220,
-18.4983, 6.5582

■ 32.3060, 83.1661,
-28.3324

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



123.4570, 40.2007, -60.9138



137.1860, 31.4603, -10.6871



140.9150, 19.2689, 26.3845

Triad

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



137.1860, 31.4603, -10.6871



136.4240, -26.3380, 47.8632



113.1340, 6.3429, -74.6625

Complementary

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



137.1860, 31.4603, -10.6871



188.8140, -31.4603, 10.6871

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.



125.7470, -16.6373, -30.4731



137.1860, 31.4603, -10.6871



134.0550, -33.5511, 28.0158

Square

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



137.1860, 31.4603, -10.6871



137.4480, -12.5459, 57.4891



130.8020, -29.9754, 1.0506



108.7520, 25.7583, -95.3755

Rectangle

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



137.1860, 31.4603, -10.6871



140.0930, 9.3212, 43.7684



130.8020, -29.9754, 1.0506



119.5510, -2.7366, -55.7342

Sweetspot

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



137.1860, 31.4603, -10.6871



231.3660, 11.6516, -3.8290



177.5920, 8.5821, -46.1232



113.5250, 7.1362, -2.2144



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.1860, 31.4603, -10.6871



158.3930, 47.6273, -16.1307



143.2320, 28.4796, 12.0745



91.0260, 3.9312, -0.8998



26.2130, 67.4360, -22.9888



5.8650, 14.8566, -5.1436

Inverse Universe

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



148.4080, -8.5821, 46.1232



175.4110, -13.0206, 69.7996



182.7680, -28.4796, -12.0745



92.6910, -1.3267, 5.5330



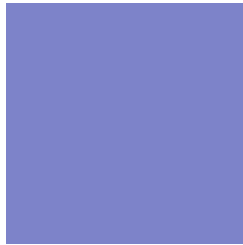
50.2190, -18.3490, 98.9089



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 137.1860, 31.4603, -10.6871 looks on a white background.

Color Contrast Check

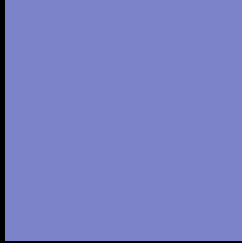
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1860, 31.4603, -10.6871 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 137.1860, 31.4603, -10.6871 Background



This preview shows how black text looks on a background with the YUV color 137.1860, 31.4603, -10.6871.



This preview shows how white text looks on a background with the YUV color 137.1860, 31.4603, -10.6871.

-10.6871.

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

137.1860, 31.4603, -10.6871

Protanopia

135.7010, 33.6714, -19.9088

Deuteranopia

134.6360, 32.2245, -22.4828



Tritanopia

133.8820, 8.9322, -18.3135

Trichromacy



Original Color

137.1860, 31.4603, -10.6871

Protanomaly

136.1960, 32.9344, -16.8349

Deuteranomaly

135.8430, 31.6294, -18.2793

Tritanomaly

134.7820, 17.3625, -15.5948

Monochromacy



Original Color

137.1860, 31.4603, -10.6871

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2520, 11.2148, -3.7290

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1860, 31.4603, -10.6871 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(125, 131, 201)` looks like.

```
.text, #text, p{  
    color:rgb(125, 131, 201)  
}
```

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(125, 131, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 131, 201) }
```

Border

The CSS property to change the border of an element to YUV 137.1860, 31.4603, -10.6871 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(125, 131, 201) }
```


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

```
.border{ border-color:rgb(125, 131, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 131, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 131, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 131, 201);  
box-shadow:4px 4px 4px 4px rgb(125, 131,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 137.1860, 31.4603, -10.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 131, 201) }
```

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

```
.background{ background-color: rgb(125,  
131, 201) }
```

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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