

Converting Colors

YUV(137.1080, 19.6668,
-7.9877)

Have a look what the booklet for
YUV(137.1080, 19.6668, -7.9877)
contains.

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Color

**YUV(137.1080, 19.6668,
-7.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	8086B1
RGB	128, 134, 177
RGB Percent	50%, 53%, 69%
CMY	0.4980, 0.4745, 0.3059
CMYK	0.28, 0.24, 0.00, 0.31
HSL	233°, 24%, 60%
HSV	233°, 28%, 69%
XYZ	25.3630, 24.8137, 45.0477
YIQ	137.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

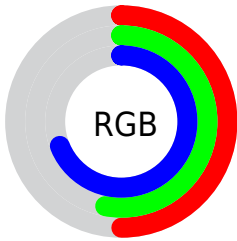
Format	Color
R_{YB}	128, 133, 177
Decimal	8423089
CIE _{Lab}	56.89, 7.71, -23.35
CIE _{LCh}	57, 24.588, 288.265
Yxy	24.8137, 0.2663, 0.2606
Android (android.graphics.Color)	4286613169 (0xFF8086B1)
YUV	137.1080, 19.6668, -7.9877
Hunter-Lab	49.8134, 3.7118, -18.7484

Details

The YUV color $137.1080, 19.6668, -7.9877$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $167.8920, -19.6668, 7.9877$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.7490, 20.8297, -7.6729$, and $87.0540, 18.2144, -8.8174$ is the 20% darker color. If you saturate the color by 10%, you get $122.3340, 26.9503, -10.8169$, and if you desaturate by 10%, it is $151.8820, 12.3832, -5.1585$.

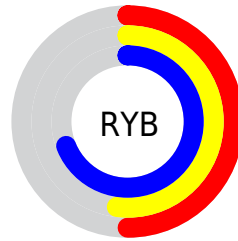
Distribution



Red (50%)

Green (53%)

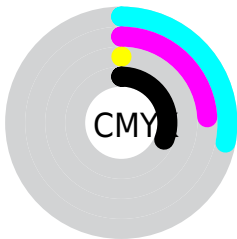
Blue (69%)



Red (50%)

Yellow (52%)

Blue (69%)

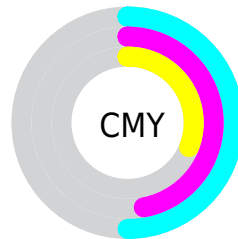


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1080, 19.6668, -7.9877 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 137.1080, 19.6668, -7.9877 by changing the saturation by 10% instead.

■ 137.1080, 19.6668,
-7.9877

■ 137.1080, 19.6668,
-7.9877

■ 255.0000, 0.0000,
0.0000

■ 111.5810, 18.9406,
-8.4025

■ 190.7490, 20.8297,
-7.6729

■ 87.0540, 18.2144,
-8.8174

■ 218.0650, 18.2090,
-7.0730

■ 62.9400, 17.7776,
-8.7174

■ 242.8730, 5.9786,
-4.2736

■ 40.7010, 16.9094,
-10.2618

■ 18.8640, 16.3360,
-13.0357

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 137.1080, 19.6668,
-7.9877

■ 137.1080, 19.6668,
-7.9877

■ 122.3340, 26.9503,
-10.8169

■ 151.8820, 12.3832,
-5.1585

■ 108.4460, 33.7971,
-13.5461

■ 165.7700, 5.5364,
-2.4293

■ 93.6720, 41.0807,
-16.3753

■ 180.5440, -1.7472,
0.3999

■ 79.4850, 48.0749,
-19.7193

■ 194.7310, -8.7414,
3.7439

■ 65.0100, 55.2111,
-21.9338

■ 209.5050,
-16.0250, 6.5731

■ 50.8230, 62.2053,
-25.2778

■ 223.3930,
-22.8717, 9.3023

■ 36.0490, 69.4888,
-28.1070

■ 238.1670,
-30.1553, 12.1315

■ 33.0920, 70.9466,
-29.0217

■ 246.1080,
-34.0702, 7.7983

Harmonies

Analogous

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



132.0620, 22.6474, -30.7494



137.1080, 19.6668, -7.9877



140.0030, 12.3235, 14.0294

Triad

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



137.1080, 19.6668, -7.9877



137.3710, -15.9589, 32.1236



127.9650, -0.4757, -34.1723

Complementary

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



137.1080, 19.6668, -7.9877



167.8920, -19.6668, 7.9877

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.



131.3990, -12.0287, -15.2589



137.1080, 19.6668, -7.9877



135.8550, -20.1415, 20.2982

Square

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



137.1080, 19.6668, -7.9877



138.9830, -7.3866, 35.9719



133.7990, -18.6349, 3.6843



125.0910, 11.7871, -47.4378

Rectangle

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



137.1080, 19.6668, -7.9877



140.1740, 6.3232, 25.2804



133.7990, -18.6349, 3.6843



128.9720, -4.4232, -28.0394

Sweetspot

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



137.1080, 19.6668, -7.9877



214.3400, 7.7204, -2.9292



161.5510, 4.1654, -29.4242



105.5420, 4.6628, -2.2293



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



137.1080, 19.6668, -7.9877



167.9470, 30.5921, -12.2315



138.9680, 18.7498, 6.1671



81.6130, 3.6418, -1.4146



28.5950, 61.3317, -25.0778



4.7250, 10.4886, -4.1438

Inverse Universe

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



143.3350, -4.6022, 29.5242



177.7500, -7.2717, 45.8233



166.0320, -18.7498, -6.1671



82.8050, -0.8899, 5.4330



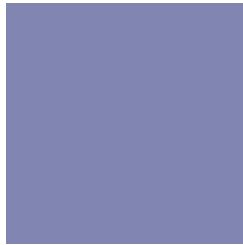
47.9130, -14.2541, 92.1613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 137.1080, 19.6668, -7.9877 looks on a white background.

Color Contrast Check

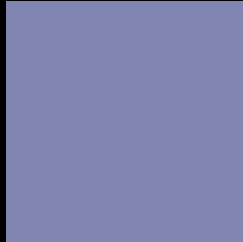
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1080, 19.6668, -7.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

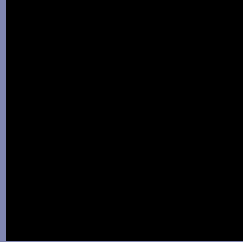
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1080, 19.6668, -7.9877

Background



This preview shows how black text looks on a background with the YUV color 137.1080, 19.6668, -7.9877.



This preview shows how white text looks on a background with the YUV color 137.1080, 19.6668, -7.9877.

-7.9877.

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

137.1080, 19.6668, -7.9877

Protanopia

136.9120, 20.2564, -10.4468

Deuteranopia

137.1080, 19.6668, -7.9877



Tritanopia

135.1710, 7.3107, -11.5510

Trichromacy



Original Color

137.1080, 19.6668, -7.9877

Protanomaly

137.2110, 20.1090, -9.8320

Deuteranomaly

137.1080, 19.6668, -7.9877

Tritanomaly

135.7350, 11.9626, -10.2916

Monochromacy



Original Color

137.1080, 19.6668, -7.9877

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1080, 19.6668, -7.9877 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(128, 134, 177)` looks like.

```
.text, #text, p{  
    color:rgb(128, 134, 177)  
}
```

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(128, 134, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 134, 177) }
```

Border

The CSS property to change the border of an element to YUV 137.1080, 19.6668, -7.9877 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(128, 134, 177) }
```


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

```
.border{ border-color:rgb(128, 134, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 134, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 134, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 134, 177);  
box-shadow:4px 4px 4px 4px rgb(128, 134,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 137.1080, 19.6668, -7.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 134, 177) }
```

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

```
.background{ background-color: rgb(128,  
134, 177) }
```

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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