

Converting Colors

YUV(137.8010, 1.5771,
-39.2905)

Have a look what the booklet for
YUV(137.8010, 1.5771, -39.2905)
contains.

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Color

**YUV(137.8010, 1.5771,
-39.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA08D
RGB	93, 160, 141
RGB Percent	36%, 63%, 55%
CMY	0.6353, 0.3725, 0.4471
CMYK	0.42, 0.00, 0.12, 0.37
HSL	163°, 26%, 50%
HSV	163°, 42%, 63%
XYZ	21.8927, 29.3919, 29.7186
YIQ	137.8010, -33.8330, -20.1130

Conversions

Conversions Part 2

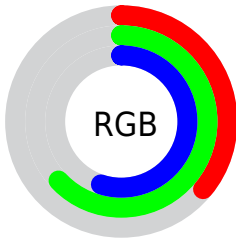
Format	Color
R_{YB}	93, 132, 160
Decimal	6135949
CIE _{Lab}	61.13, -25.94, 3.24
CIE _{LCh}	61, 26.146, 172.877
Yxy	29.3919, 0.2703, 0.3628
Android (android.graphics.Color)	4284326029 (0xFF5DA08D)
YUV	137.8010, 1.5771, -39.2905
Hunter-Lab	54.2143, -22.7933, 5.4490

Details

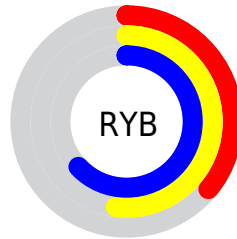
The YUV color **137.8010, 1.5771, -39.2905** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **115.1990, -1.5771, 39.2905**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0890, 1.4351, -40.4201**, and **85.7300, 2.5981, -40.1052** is the 20% darker color. If you saturate the color by 10%, you get **132.4470, 1.7516, -48.6270**, and if you desaturate by 10%, it is **143.1550, 1.4026, -29.9539**.

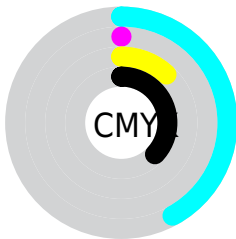
Distribution



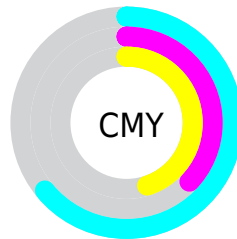
- Red (36%)
- Green (63%)
- Blue (55%)



- Red (36%)
- Yellow (52%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8010, 1.5771, -39.2905 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 137.8010, 1.5771, -39.2905 by changing the saturation by 10% instead.

■ 137.8010, 1.5771,
-39.2905

■ 137.8010, 1.5771,
-39.2905

■ 255.0000, 0.0000,
0.0000

■ 111.8010, 1.5771,
-39.2905

■ 192.0890, 1.4351,
-40.4201

■ 85.7300, 2.5981,
-40.1052

■ 220.5620, 0.7089,
-40.8349

■ 58.2670, 4.7984,
-45.8382

■ 238.6970, 6.0654,
-32.1833

■ 40.3500, 2.2924,
-35.3869

■ 247.8240, 3.5378,
-14.7546

■ 25.1560, -0.0769,
-22.0618

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,

0.0000

■ 137.8010, 1.5771,
-39.2905

■ 137.8010, 1.5771,
-39.2905

■ 132.4470, 1.7516,
-48.6270

■ 143.1550, 1.4026,
-29.9539

■ 127.2070, 2.3629,
-58.0635

■ 148.3950, 0.7913,
-20.5174

■ 121.8530, 2.5375,
-67.4001

■ 153.7490, 0.6167,
-11.1809

■ 116.6130, 3.1488,
-76.8366

■ 158.9890, 0.0054,
-1.7444

■ 111.2590, 3.3233,
-86.1731

■ 164.3430, -0.1691,
7.5922

■ 107.0300, 3.9292,
-93.8653

■ 169.5830, -0.7804,
17.0287

■ 174.9370, -0.9549,
26.3653

■ 180.1770, -1.5663,
35.8018

■ 185.5310, -1.7408,
45.1383

Harmonies

Analogous

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



141.3060, -10.9969, -19.5624



137.8010, 1.5771, -39.2905



135.4540, 14.5662, -52.1412

Triad

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



137.8010, 1.5771, -39.2905



148.9450, 20.2401, -5.2138



148.8010, -18.1429, 32.6235

Complementary

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



137.8010, 1.5771, -39.2905



115.1990, -1.5771, 39.2905

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.



149.8370, -9.2866, 38.7310



137.8010, 1.5771, -39.2905



151.3240, 12.1653, 18.1329

Square

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



137.8010, 1.5771, -39.2905



143.5290, 24.3892, -29.4049



150.9640, 1.4967, 33.3576



146.6870, -22.0307, 19.5685

Rectangle

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



137.8010, 1.5771, -39.2905



136.0610, 20.6759, -51.7965



150.9640, 1.4967, 33.3576



148.8060, -15.6804, 36.1271

Sweetspot

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



137.8010, 1.5771, -39.2905



200.0150, 0.4856, -15.7992



138.3090, -22.3373, -22.1960



99.3470, 0.3219, -9.9513



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.8010, 1.5771, -39.2905



174.4840, 2.2264, -60.9375



132.3360, 13.6384, -34.4977



76.3800, 0.3057, -4.7183



95.5690, 3.1705, -83.8140



10.0590, 0.4639, -8.8217

Inverse Universe

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



115.1990, -1.5771, 39.2905



139.4020, -2.6632, 61.0374



120.6640, -13.6384, 34.4977



73.6200, -0.3057, 4.7183



47.3170, -3.6073, 83.9140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 137.8010, 1.5771, -39.2905 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 137.8010, 1.5771, -39.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

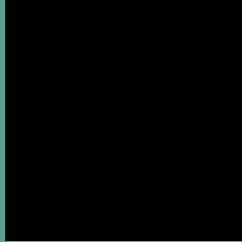
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.8010, 1.5771, -39.2905

Background



This preview shows how black text looks on a background with the YUV color 137.8010, 1.5771, -39.2905.



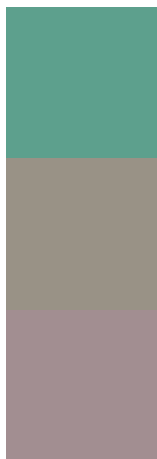
This preview shows how white text looks on a background with the YUV color 137.8010, 1.5771, -39.2905.

-39.2905.

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

137.8010, 1.5771, -39.2905

Protanopia

146.7250, -6.2734, 5.5032

Deuteranopia

148.3220, -1.6377, 11.9956



Tritanopia

140.7380, 13.9332, -35.7272

Trichromacy



Original Color

137.8010, 1.5771, -39.2905

Protanomaly

143.4240, -3.1670, -10.8958

Deuteranomaly

144.8420, -0.4151, -6.8774

Tritanomaly

139.2880, 9.7180, -37.0866

Monochromacy



Original Color

137.8010, 1.5771, -39.2905

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8010, 1.5771, -39.2905 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(93, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(93, 160, 141)  
}
```

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(93, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 160, 141) }
```

Border

The CSS property to change the border of an element to YUV 137.8010, 1.5771, -39.2905 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(93, 160, 141) }
```


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

```
.border{ border-color:rgb(93, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 160,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 137.8010, 1.5771, -39.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 160, 141) }
```

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

```
.background{ background-color: rgb(93, 160,  
141) }
```

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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