

Converting Colors

YUV(136.7810, 11.9400,
-49.7969)

Have a look what the booklet for
YUV(136.7810, 11.9400, -49.7969)
contains.

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Color

**YUV(136.7810, 11.9400,
-49.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	50A1A1
RGB	80, 161, 161
RGB Percent	31%, 63%, 63%
CMY	0.6863, 0.3686, 0.3686
CMYK	0.50, 0.00, 0.00, 0.37
HSL	180°, 34%, 47%
HSV	180°, 50%, 63%
XYZ	22.4862, 29.7684, 38.2789
YIQ	136.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

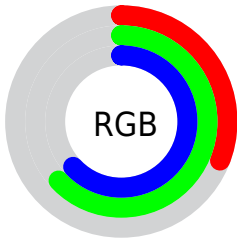
Format	Color
R_{YB}	80, 121, 161
Decimal	5284257
CIE _{Lab}	61.45, -24.61, -7.61
CIE _{LCh}	61, 25.764, 197.189
Y _{xy}	29.7684, 0.2484, 0.3288
Android (android.graphics.Color)	4283474337 (0xFF50A1A1)
YUV	136.7810, 11.9400, -49.7969
Hunter-Lab	54.5604, -21.9150, -3.4048

Details

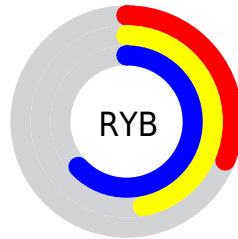
The YUV color **136.7810, 11.9400, -49.7969** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.2190, -11.9400, 49.7969**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0800, 11.7926, -49.1822**, and **80.7090, 14.4405, -58.5038** is the 20% darker color. If you saturate the color by 10%, you get **131.9970, 14.2985, -59.6334**, and if you desaturate by 10%, it is **141.5650, 9.5815, -39.9605**.

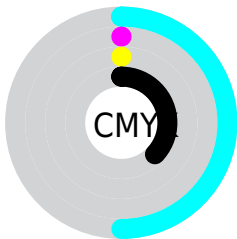
Distribution



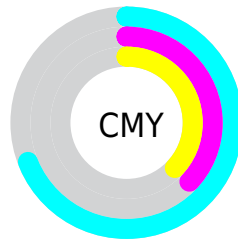
- Red (31%)
- Green (63%)
- Blue (63%)



- Red (31%)
- Yellow (47%)
- Blue (63%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7810, 11.9400, -49.7969 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 136.7810, 11.9400, -49.7969 by changing the saturation by 10% instead.

■ 136.7810, 11.9400,
-49.7969

■ 136.7810, 11.9400,
-49.7969

■ 255.0000, 0.0000,
0.0000

■ 109.8840, 12.3822,
-51.6413

■ 192.0800, 11.7926,
-49.1822

■ 80.7090, 14.4405,
-58.5038

■ 220.6670, 11.5032,
-49.6970

■ 58.9980, 12.8190,
-51.7412

■ 236.1630, 9.2866,
-38.7310

■ 42.8750, 9.4286,
-37.6014

■ 244.8340, 5.0118,
-20.9024

■ 27.4530, 6.1857,
-24.0763

■ 253.8040, 0.5896,
-2.4591

■ 8.7370, 5.5527,
-7.6623

■ 0.0000, 0.0000,

0.0000

■ 136.7810, 11.9400,
-49.7969

■ 136.7810, 11.9400,
-49.7969

■ 131.9970, 14.2985,
-59.6334

■ 141.5650, 9.5815,
-39.9605

■ 127.2130, 16.6570,
-69.4698

■ 146.3490, 7.2229,
-30.1241

■ 122.4290, 19.0155,
-79.3062

■ 151.1330, 4.8644,
-20.2876

■ 117.6450, 21.3740,
-89.1427

■ 155.9170, 2.5059,
-10.4512

■ 112.8610, 23.7325,
-98.9791

■ 161.0000, 0.0000,
0.0000

■ 165.7840, -2.3585,
9.8364

■ 170.5680, -4.7170,
19.6729

■ 175.3520, -7.0755,
29.5093

■ 180.1360, -9.4340,
39.3457

Harmonies

Analogous

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



139.2530, -0.6177, -35.3019



136.7810, 11.9400, -49.7969



138.1860, 21.1073, -50.1521

Triad

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



136.7810, 11.9400, -49.7969



151.7580, 13.9233, 14.2442



148.4100, -21.8941, 22.4424

Complementary

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



136.7810, 11.9400, -49.7969



104.2190, -11.9400, 49.7969

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.



149.5670, -16.5485, 34.5827



136.7810, 11.9400, -49.7969



152.1100, 3.3968, 30.5985

Square

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



136.7810, 11.9400, -49.7969



148.8520, 21.2720, -9.5172



150.9940, -7.3920, 37.7163



145.7560, -20.0927, 4.5990

Rectangle

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



136.7810, 11.9400, -49.7969



141.6370, 23.8430, -40.9006



150.9940, -7.3920, 37.7163



148.7850, -20.6000, 27.3756

Sweetspot

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



136.7810, 11.9400, -49.7969



199.7310, 4.5696, -19.0581



127.5470, -23.4407, -41.6987



99.3190, 2.8007, -11.6808



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.



136.7810, 11.9400, -49.7969



171.6250, 18.4259, -76.8471



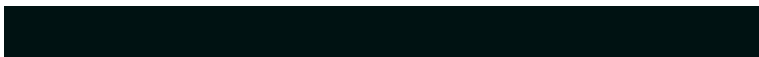
113.3010, 23.5156, -29.2050



79.3090, 1.3267, -5.5330



101.6450, 21.3740, -89.1427



12.6180, 2.6533, -11.0660

Inverse Universe

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



113.4530, 23.4407, 41.6987



135.6250, 36.1739, 64.3499



128.2860, -23.8050, 28.6902



76.7170, 2.6045, 4.6332



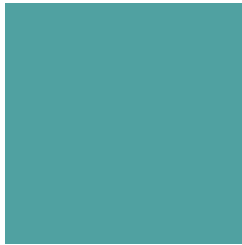
59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 136.7810, 11.9400, -49.7969 looks on a white background.

Color Contrast Check

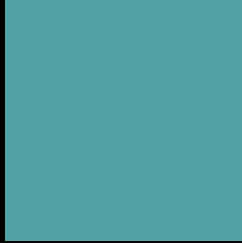
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7810, 11.9400, -49.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

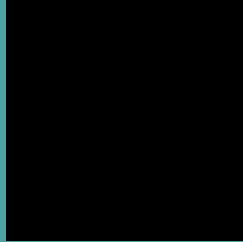
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.7810, 11.9400, -49.7969

Background



This preview shows how black text looks on a background with the YUV color 136.7810, 11.9400, -49.7969.

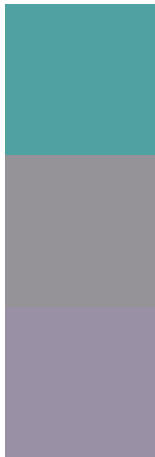


This preview shows how white text looks on a background with the YUV color 136.7810, 11.9400, -49.7969.

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

136.7810, 11.9400, -49.7969

Protanopia

148.1680, 1.8892, 0.7297

Deuteranopia

149.3840, 7.6987, 4.0482



Tritanopia

138.0570, 16.7339, -47.4080

Trichromacy



Original Color

136.7810, 11.9400, -49.7969

Protanomaly

143.9700, 5.4378, -17.5137

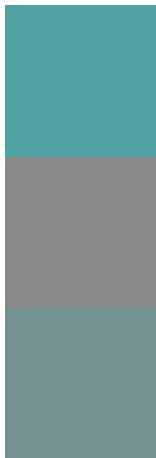
Deuteranomaly

144.7190, 9.5055, -15.5396

Tritanomaly

137.8890, 14.8447, -48.1377

Monochromacy



Original Color

136.7810, 11.9400, -49.7969

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7810, 11.9400, -49.7969 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(80, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(80, 161, 161)  
}
```

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(80, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 161, 161) }
```

Border

The CSS property to change the border of an element to YUV 136.7810, 11.9400, -49.7969 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(80, 161, 161) }
```


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

```
.border{ border-color:rgb(80, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(80, 161,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 136.7810, 11.9400, -49.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 161, 161) }
```

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

```
.background{ background-color: rgb(80, 161,  
161) }
```

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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