

Converting Colors

YUV(140.5810, 5.1366,
-61.0225)

Have a look what the booklet for
YUV(140.5810, 5.1366, -61.0225)
contains.

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Color

**YUV(140.5810, 5.1366,
-61.0225)**

Conversions

Conversions Part 1

Format	Color
Hex	47AE97
RGB	71, 174, 151
RGB Percent	28%, 68%, 59%
CMY	0.7216, 0.3176, 0.4078
CMYK	0.59, 0.00, 0.13, 0.32
HSL	167°, 42%, 48%
HSV	167°, 59%, 68%
XYZ	23.3205, 33.8461, 34.5820
YIQ	140.5810, -54.0050, -28.9890

Conversions

Conversions Part 2

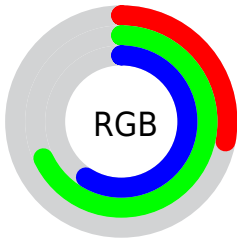
Format	Color
RYB	71, 129, 174
Decimal	4697751
CIELab	64.84, -35.43, 2.92
CIElCh	65, 35.551, 175.283
Yxy	33.8461, 0.2542, 0.3689
Android (android.graphics.Color)	4282887831 (0xFF47AE97)
YUV	140.5810, 5.1366, -61.0225
Hunter-Lab	58.1774, -30.2584, 5.4808

Details

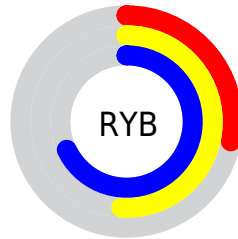
The YUV color **140.5810, 5.1366, -61.0225** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **104.4190, -5.1366, 61.0225**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9510, 3.9682, -59.5930**, and **82.4270, 8.6635, -72.2885** is the 20% darker color. If you saturate the color by 10%, you get **135.0420, 5.8953, -71.0738**, and if you desaturate by 10%, it is **146.1200, 4.3778, -50.9712**.

Distribution



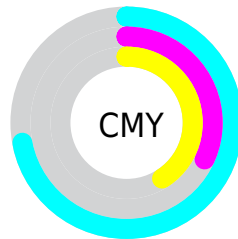
- Red (28%)
- Green (68%)
- Blue (59%)



- Red (28%)
- Yellow (51%)
- Blue (68%)



- Cyan (59%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (72%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5810, 5.1366, -61.0225 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 140.5810, 5.1366, -61.0225 by changing the saturation by 10% instead.

■ 140.5810, 5.1366,
-61.0225

■ 140.5810, 5.1366,
-61.0225

■ 255.0000, 0.0000,
0.0000

■ 111.9010, 6.4578,
-64.8112

■ 196.9510, 3.9682,
-59.5930

■ 82.4270, 8.6635,
-72.2885

■ 223.1900, 4.8363,
-58.0486

■ 64.4290, 5.7045,
-56.5042

■ 234.3690, 10.1711,
-42.4196

■ 47.8330, 3.0403,
-41.9495

■ 243.0400, 5.8963,
-24.5911

■ 31.8240, 0.0868,
-27.9096

■ 252.0100, 1.4741,
-6.1478

■ 16.4020, -3.1562,
-14.3846

■ 0.0000, 0.0000,

0.0000

■ 140.5810, 5.1366,
-61.0225

■ 140.5810, 5.1366,
-61.0225

■ 135.0420, 5.8953,
-71.0738

■ 146.1200, 4.3778,
-50.9712

■ 129.2040, 6.8014,
-81.7399

■ 151.9580, 3.4717,
-40.3052

■ 123.6650, 7.5602,
-91.7912

■ 157.4970, 2.7130,
-30.2539

■ 117.8270, 8.4663,
-102.4573

■ 163.3350, 1.8068,
-19.5878

■ 117.5280, 8.6137,
-103.0721

■ 168.7600, 0.6113,
-9.4365

■ 174.2990, -0.1474,
0.6148

■ 180.1370, -1.0535,
11.2809

■ 185.6760, -1.8123,
21.3321

■ 191.5140, -2.7184,
31.9982

Harmonies

Analogous

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



147.8440, -13.7271, -30.5582



140.5810, 5.1366, -61.0225



130.1760, 26.0422, -93.1164

Triad

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



140.5810, 5.1366, -61.0225



159.1930, 27.5129, -4.5543



157.9180, -25.5956, 43.0449

Complementary

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



140.5810, 5.1366, -61.0225



104.4190, -5.1366, 61.0225

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.



159.1870, -13.4032, 52.4560



140.5810, 5.1366, -61.0225



162.0030, 15.7745, 27.1844

Square

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



140.5810, 5.1366, -61.0225



150.6720, 34.1787, -42.6853



161.0520, 1.4534, 47.3124



155.8310, -30.4827, 23.8272

Rectangle

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



140.5810, 5.1366, -61.0225



131.6520, 34.1886, -92.6568



161.0520, 1.4534, 47.3124



158.2760, -21.8281, 47.9929

Sweetspot

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



140.5810, 5.1366, -61.0225



213.7150, 2.1125, -24.3061



138.6370, -33.3450, -38.2696



106.8410, 1.0644, -14.7696



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.



140.5810, 5.1366, -61.0225



174.7570, 8.0078, -95.3799



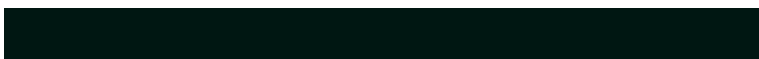
127.3540, 22.9965, -49.4225



84.0810, 0.4531, -5.3330



101.3880, 7.6967, -88.9173



15.5530, 1.2064, -13.6400

Inverse Universe

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



104.4190, -5.1366, 61.0225



118.2430, -8.0078, 95.3799



117.6460, -22.9965, 49.4225



80.9190, -0.4531, 5.3330



48.7260, -7.2599, 88.8173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 140.5810, 5.1366, -61.0225 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 140.5810, 5.1366, -61.0225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

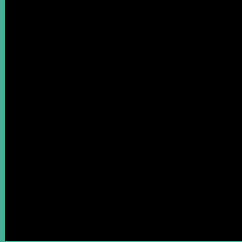
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.5810, 5.1366, -61.0225 Background



This preview shows how black text looks on a background with the YUV color 140.5810, 5.1366, -61.0225.



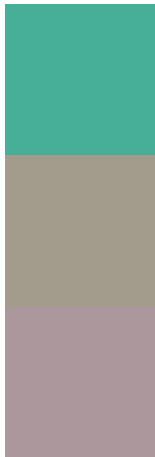
This preview shows how white text looks on a background with the YUV color 140.5810, 5.1366,

-61.0225.

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

140.5810, 5.1366, -61.0225

Protanopia

156.3830, -7.5838, 5.8031

Deuteranopia

157.5500, -0.7641, 11.7957



Tritanopia

144.8820, 18.7922, -54.2705

Trichromacy



Original Color

140.5810, 5.1366, -61.0225

Protanomaly

151.0810, -2.9979, -18.4880

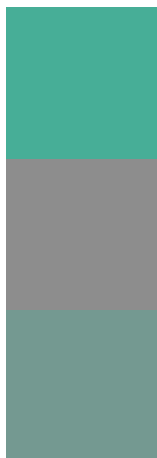
Deuteranomaly

151.2540, 1.3538, -14.2548

Tritanomaly

143.4920, 13.5614, -56.5595

Monochromacy



Original Color

140.5810, 5.1366, -61.0225

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5810, 5.1366, -61.0225 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(71, 174, 151)` looks like.

```
.text, #text, p{  
    color:rgb(71, 174, 151)  
}
```

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(71, 174, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 174, 151) }
```

Border

The CSS property to change the border of an element to YUV 140.5810, 5.1366, -61.0225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

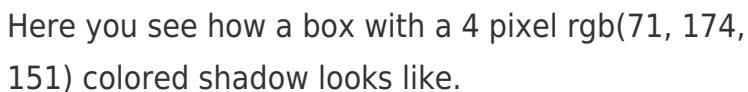
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 174, 151) }
```


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

```
.border{ border-color:rgb(71, 174, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 174, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 174, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 174, 151); box-shadow:4px 4px 4px 4px rgb(71, 174, 151) }
```

Background

The CSS property to change the background color of an element to YUV 140.5810, 5.1366, -61.0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 174, 151) }
```

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

```
.background{ background-color: rgb(71, 174,  
151) }
```

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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