

Converting Colors

YUV(136.9870, 9.3734,
-66.6406)

Have a look what the booklet for
YUV(136.9870, 9.3734, -66.6406)
contains.

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Color

**YUV(136.9870, 9.3734,
-66.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	3DAC9C
RGB	61, 172, 156
RGB Percent	24%, 67%, 61%
CMY	0.7608, 0.3255, 0.3882
CMYK	0.65, 0.00, 0.09, 0.33
HSL	171°, 48%, 46%
HSV	171°, 65%, 67%
XYZ	22.6777, 32.8974, 36.6071
YIQ	136.9870, -61.0200, -28.5080

Conversions

Conversions Part 2

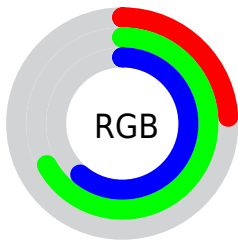
Format	Color
RYB	61, 121, 172
Decimal	4041884
CIELab	64.08, -35.05, -1.00
CIElCh	64, 35.062, 181.641
Yxy	32.8974, 0.2460, 0.3569
Android (android.graphics.Color)	4282231964 (0xFF3DAC9C)
YUV	136.9870, 9.3734, -66.6406
Hunter-Lab	57.3563, -29.7975, 2.3082

Details

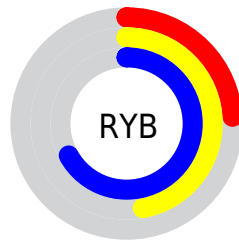
The YUV color **136.9870, 9.3734, -66.6406** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **96.0130, -9.3734, 66.6406**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9550, 7.9102, -63.9815**, and **81.8230, 11.4263, -71.7588** is the 20% darker color. If you saturate the color by 10%, you get **131.6760, 11.0057, -76.8919**, and if you desaturate by 10%, it is **142.2980, 7.7411, -56.3893**.

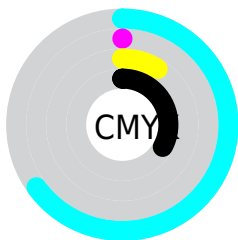
Distribution



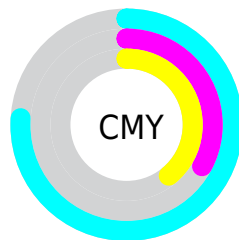
- Red (24%)
- Green (67%)
- Blue (61%)



- Red (24%)
- Yellow (47%)
- Blue (67%)



- Cyan (65%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9870, 9.3734, -66.6406 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 136.9870, 9.3734, -66.6406 by changing the saturation by 10% instead.

■ 136.9870, 9.3734,
-66.6406

■ 136.9870, 9.3734,
-66.6406

■ 255.0000, 0.0000,
0.0000

■ 106.2140, 11.7265,
-74.7327

■ 193.9550, 7.9102,
-63.9815

■ 81.8230, 11.4263,
-71.7588

■ 221.7810, 8.4890,
-62.9519

■ 64.4120, 8.1779,
-56.4893

■ 232.2760, 11.2029,
-46.7231

■ 47.1150, 5.3663,
-41.3199

■ 241.2460, 6.7807,
-28.2797

■ 31.1060, 2.4127,
-27.2800

■ 249.9170, 2.5059,
-10.4512

■ 15.3250, 0.3328,
-13.4400

■ 0.0000, 0.0000,

0.0000

■ 136.9870, 9.3734,
-66.6406

■ 136.9870, 9.3734,
-66.6406

■ 131.6760, 11.0057,
-76.8919

■ 142.2980, 7.7411,
-56.3893

■ 126.2510, 12.2013,
-87.0431

■ 147.7230, 6.5456,
-46.2381

■ 120.6410, 13.9810,
-97.9092

■ 153.3330, 4.7658,
-35.3720

■ 117.7220, 14.4341,
-103.2422

■ 158.7580, 3.5703,
-25.2208

■ 164.0690, 1.9380,
-14.9695

■ 169.4940, 0.7425,
-4.8182

■ 174.8050, -0.8899,
5.4330

■ 180.5290, -2.2328,
16.1991

■ 185.8400, -3.8651,
26.4503

Harmonies

Analogous

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



144.5490, -9.6377, -35.5615



136.9870, 9.3734, -66.6406



127.6750, 29.2472, -94.4310

Triad

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



136.9870, 9.3734, -66.6406



158.2540, 25.0178, 2.4082



155.2550, -26.7477, 39.2414

Complementary

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



136.9870, 9.3734, -66.6406



96.0130, -9.3734, 66.6406

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.



157.0790, -16.3079, 50.7967



136.9870, 9.3734, -66.6406



159.6400, 12.9955, 31.8877

Square

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



136.9870, 9.3734, -66.6406



151.2710, 32.4044, -33.5637



158.5530, -1.7516, 48.6270



152.9120, -30.0296, 18.4942

Rectangle

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



136.9870, 9.3734, -66.6406



133.1200, 34.4508, -83.4202



158.5530, -1.7516, 48.6270



155.9720, -24.1432, 43.8746

Sweetspot

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



136.9870, 9.3734, -66.6406



210.7580, 3.5703, -25.2208



131.2400, -34.6283, -46.6915



103.7700, 2.0854, -15.5843



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



136.9870, 9.3734, -66.6406



169.7220, 14.4341, -103.2422



115.9180, 27.6484, -48.1631



84.0810, 0.4531, -5.3330



102.7560, 12.9383, -90.1170



15.7810, 2.0800, -13.8399

Inverse Universe

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



96.0130, -9.3734, 66.6406



106.2780, -14.4341, 103.2422



117.0820, -27.6484, 48.1631



80.8050, -0.8899, 5.4330



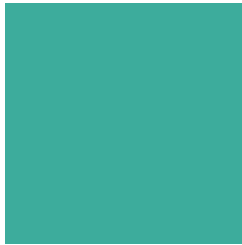
47.3580, -12.5015, 90.0170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 136.9870, 9.3734, -66.6406 looks on a white background.

Color Contrast Check

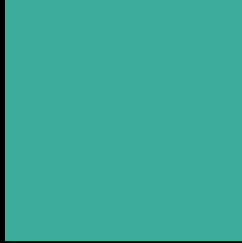
Large Text (above 18pt) WCAG AA × Fail

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 136.9870, 9.3734, -66.6406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

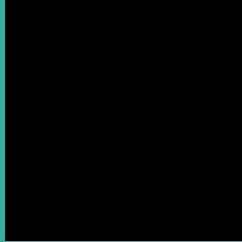
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 136.9870, 9.3734, -66.6406

Background



This preview shows how black text looks on a background with the YUV color 136.9870, 9.3734, -66.6406.

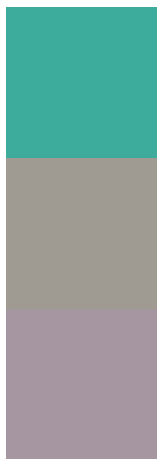


This preview shows how white text looks on a background with the YUV color 136.9870, 9.3734,

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

136.9870, 9.3734, -66.6406

Protanopia

154.5830, -4.2314, 3.8737

Deuteranopia

156.0380, 2.4463, 8.7367



Tritanopia

141.1910, 20.1188, -59.8035

Trichromacy



Original Color

136.9870, 9.3734, -66.6406

Protanomaly

148.3840, 0.7967, -22.2618

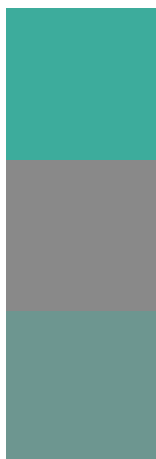
Deuteranomaly

149.1440, 4.8590, -18.5433

Tritanomaly

139.5560, 16.4879, -61.8776

Monochromacy



Original Color

136.9870, 9.3734, -66.6406

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0570, 3.4229, -24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9870, 9.3734, -66.6406 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(61, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(61, 172, 156)  
}
```

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(61, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 172, 156) }
```

Border

The CSS property to change the border of an element to YUV 136.9870, 9.3734, -66.6406 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(61, 172, 156) }
```


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

```
.border{ border-color:rgb(61, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(61, 172,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 136.9870, 9.3734, -66.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 172, 156) }
```

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

```
.background{ background-color: rgb(61, 172,  
156) }
```

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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