

Converting Colors

YUV(156.2190, -3.0660,
-137.0041)

Have a look what the booklet for
YUV(156.2190, -3.0660, -137.0041)
contains.

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Color

**YUV(156.2190, -3.0660,
-137.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	00ED96
RGB	0, 237, 150
RGB Percent	0%, 93%, 59%
CMY	1.0000, 0.0706, 0.4118
CMYK	1.00, 0.00, 0.37, 0.07
HSL	158°, 100%, 46%
HSV	158°, 100%, 93%
XYZ	35.7892, 62.7704, 39.0838
YIQ	156.2190, -113.3250, -77.3010

Conversions

Conversions Part 2

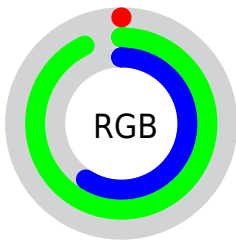
Format	Color
RYB	0, 145, 237
Decimal	60822
CIELab	83.32, -67.05, 29.11
CIELCh	83, 73.098, 156.536
Yxy	62.7704, 0.2600, 0.4560
Android (android.graphics.Color)	4278250902 (0xFF00ED96)
YUV	156.2190, -3.0660, -137.0041
Hunter-Lab	79.2278, -58.0156, 26.2111

Details

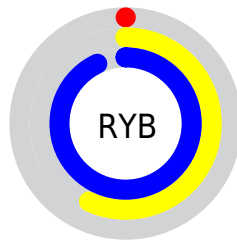
The YUV color **156.2190, -3.0660, -137.0041** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **80.7810, 3.0660, 137.0041**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2440, -0.6133, -83.5290**, and **116.8320, -9.2842, -102.4617** is the 20% darker color. If you saturate the color by 10%, you get **156.2190, -3.0660, -137.0041**, and if you desaturate by 10%, it is **164.4210, -2.6726, -123.1492**.

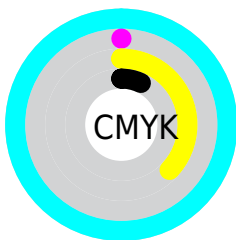
Distribution



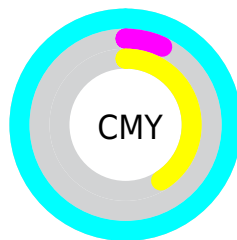
- Red (0%)
- Green (93%)
- Blue (59%)



- Red (0%)
- Yellow (57%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2190, -3.0660, -137.0041 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 156.2190, -3.0660, -137.0041 by changing the saturation by 10% instead.

156.2190, -3.0660,
-137.0041

156.2190, -3.0660,
-137.0041

255.0000, 0.0000,
0.0000

136.2320, -6.0304,
-119.4755

206.2440, -0.6133,
-83.5290

116.8320, -9.2842,
-102.4617

219.6020, 6.6052,
-65.4260

97.6600, -11.6644,
-85.6478

231.6780, 11.4977,
-47.9526

79.0750, -14.3340,
-69.3488

241.2460, 6.7807,
-28.2797

60.6040, -16.5668,
-53.1497

250.8140, 2.0637,
-8.6069

42.4920, -19.9626,
-37.2655

28.7630, -14.1802,

-25.2252

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 156.2190, -3.0660,
-137.0041

■ 164.4210, -2.6726,
-123.1492

■ 172.2100, -2.5685,
-109.8092

■ 180.4120, -2.1751,
-95.9543

■ 188.6140, -1.7817,
-82.0995

■ 196.4030, -1.6777,
-68.7594

■ 204.6050, -1.2843,
-54.9046

■ 212.8070, -0.8909,
-41.0497

■ 221.0090, -0.4974,
-27.1949

■ 228.7980, -0.3934,
-13.8548

Harmonies

Analogous

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



190.6370, -50.1070, -28.6226



156.2190, -3.0660, -137.0041



166.6610, 26.7891, -146.1617

Triad

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



156.2190, -3.0660, -137.0041



178.9510, 37.4922, -78.8870



183.1100, -26.6762, 63.0475

Complementary

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



156.2190, -3.0660, -137.0041



80.7810, 3.0660, 137.0041

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.



183.0030, 5.9145, 63.1414



156.2190, -3.0660, -137.0041



205.2610, 24.5213, 21.6961

Square

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



156.2190, -3.0660, -137.0041



163.4930, 45.1130, -143.3834



196.3000, 28.9391, 51.4799



193.0310, -57.2033, 54.3468

Rectangle

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



156.2190, -3.0660, -137.0041



169.9500, 41.9297, -149.0461



196.3000, 28.9391, 51.4799



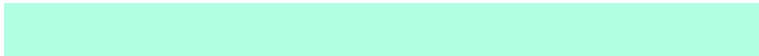
181.3950, -15.4777, 64.5516

Sweetspot

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



156.2190, -3.0660, -137.0041



229.0840, -1.0274, -43.9237



166.3280, -81.9997, -66.0627



112.3080, -0.6448, -26.5801



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



156.2190, -3.0660, -137.0041



168.0390, -3.4702, -147.3702



149.7010, 43.0384, -131.2878



113.2550, -0.1257, -6.3626



119.3570, -2.1480, -104.6761



35.5740, -0.7760, -31.1984

Inverse Universe

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



80.7810, 3.0660, 137.0041



86.9610, 3.4702, 147.3702



87.2990, -43.0384, 131.2878



109.7450, 0.1257, 6.3626



61.6430, 2.1480, 104.6761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 156.2190, -3.0660, -137.0041 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 156.2190, -3.0660, -137.0041 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 156.2190, -3.0660, -137.0041 Background



This preview shows how black text looks on a background with the YUV color 156.2190, -3.0660, -137.0041.



This preview shows how white text looks on a background with the YUV color 156.2190, -3.0660,

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



Protanopia

203.2170, -32.6450, 17.3497

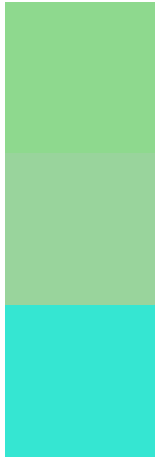
Deuteranopia

205.8240, -23.0842, 30.8494

Tritanopia

185.5940, 28.7942, -89.0979

Trichromacy



Protanomaly

186.0250, -21.7043, -38.6099

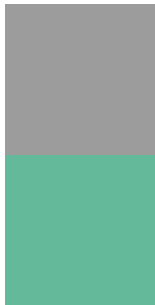
Deuteranomaly

187.9750, -15.7637, -30.6731

Tritanomaly

174.7970, 17.3551, -106.8160

Monochromacy



Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7520, -0.8637, -49.7715

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2190, -3.0660, -137.0041 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(0, 237, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 150)  
}
```

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(0, 237, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 150) }
```

Border

The CSS property to change the border of an element to YUV 156.2190, -3.0660, -137.0041 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(0, 237, 150) }
```

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

```
.border{ border-color:rgb(0, 237, 150) }
```

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

Here you see how a box with a 4 pixel rgb(0, 237, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 237,  
150) }
```


Background

The CSS property to change the background color of an element to YUV 156.2190, -3.0660, -137.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 150) }
```

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

```
.background{ background-color: rgb(0, 237,  
150) }
```

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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