

Converting Colors

YUV(137.1990, -15.8741,
-88.7515)

Have a look what the booklet for
YUV(137.1990, -15.8741, -88.7515)
contains.

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Color

**YUV(137.1990, -15.8741,
-88.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	24C369
RGB	36, 195, 105
RGB Percent	14%, 76%, 41%
CMY	0.8588, 0.2353, 0.5882
CMYK	0.82, 0.00, 0.46, 0.24
HSL	146°, 69%, 45%
HSV	146°, 82%, 76%
XYZ	22.7925, 40.4252, 19.9662
YIQ	137.1990, -65.8740, -61.6980

Conversions

Conversions Part 2

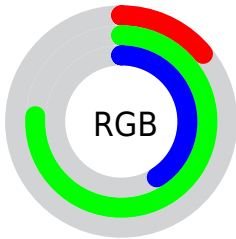
Format	Color
RYB	36, 147, 195
Decimal	2409321
CIELab	69.77, -59.07, 34.26
CIELCh	70, 68.281, 149.888
Yxy	40.4252, 0.2740, 0.4860
Android (android.graphics.Color)	4280599401 (0xFF24C369)
YUV	137.1990, -15.8741, -88.7515
Hunter-Lab	63.5808, -47.2777, 25.8878

Details

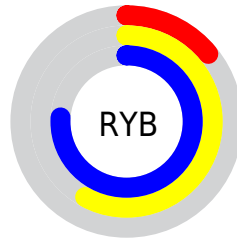
The YUV color **137.1990, -15.8741, -88.7515** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **93.8010, 15.8741, 88.7515**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0000, -20.7060, -78.9300**, and **88.5640, -16.0541, -77.6706** is the 20% darker color. If you saturate the color by 10%, you get **129.9650, -17.7307, -99.9473**, and if you desaturate by 10%, it is **144.1340, -13.8701, -78.1705**.

Distribution



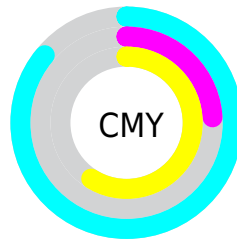
- Red (14%)
- Green (76%)
- Blue (41%)



- Red (14%)
- Yellow (58%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1990, -15.8741, -88.7515 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 137.1990, -15.8741, -88.7515 by changing the saturation by 10% instead.

■ 137.1990,
-15.8741, -88.7515

■ 137.1990,
-15.8741, -88.7515

■ 255.0000, 0.0000,
0.0000

■ 107.1490,
-13.3845, -93.9697

■ 199.0000,
-20.7060, -78.9300

■ 88.5640, -16.0541,
-77.6706

■ 212.6350,
-13.6241, -63.7009

■ 69.8650, -19.1604,
-61.2716

■ 225.0960, -5.9633,
-47.4422

■ 51.6390, -22.9930,
-45.2874

■ 237.2580, 1.8448,
-31.7983

■ 36.3940, -17.9422,
-31.9175

■ 247.8240, 3.5378,
-14.7546

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,

0.0000

■ 137.1990,
-15.8741, -88.7515

■ 137.1990,
-15.8741, -88.7515

■ 129.9650,
-17.7307, -99.9473

■ 144.1340,
-13.8701, -78.1705

■ 124.1550,
-19.3034, -108.8839

■ 151.3680,
-12.0134, -66.9747

■ 158.3030,
-10.0094, -56.3937

■ 165.5370, -8.1527,
-45.1979

■ 172.4720, -6.1487,
-34.6169

■ 179.7060, -4.2921,
-23.4212

■ 186.6410, -2.2880,
-12.8402

■ 193.8750, -0.4314,
-1.6444

■ 200.8100, 1.5727,
8.9366

Harmonies

Analogous

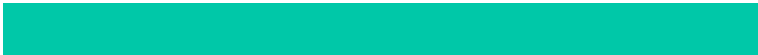
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156.3830, -51.4608, -14.3679



137.1990, -15.8741, -88.7515



136.5520, 15.5039, -119.7561

Triad

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



137.1990, -15.8741, -88.7515



133.5560, 59.8719, -117.1286



158.8660, -23.1049, 84.3095

Complementary

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



137.1990, -15.8741, -88.7515



93.8010, 15.8741, 88.7515

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.



161.1240, 5.8549, 82.3293



137.1990, -15.8741, -88.7515



169.9990, 41.9055, -0.8761

Square

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



137.1990, -15.8741, -88.7515



142.3610, 55.5310, -124.8506



174.4800, 29.3434, 61.8460



165.6450, -51.5900, 73.9793

Rectangle

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



137.1990, -15.8741, -88.7515



141.4540, 34.2862, -124.0552



174.4800, 29.3434, 61.8460



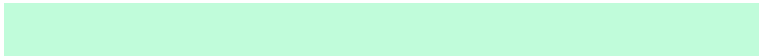
158.2110, -12.9220, 84.8840

Sweetspot

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



137.1990, -15.8741, -88.7515



230.1840, -6.0067, -33.4874



156.2430, -59.2798, -26.5231



114.5430, -3.7187, -20.6472



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.



137.1990, -15.8741, -88.7515



162.1870, -24.7422, -137.8530



146.2050, 18.6329, -96.6498



93.3260, -1.1467, -5.5479



102.4870, -16.0161, -89.8811



20.9670, -3.4347, -18.3881

Inverse Universe

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



93.8010, 15.8741, 88.7515



94.8130, 24.7422, 137.8530



84.7950, -18.6329, 96.6498



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 137.1990, -15.8741, -88.7515 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 137.1990, -15.8741, -88.7515 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 137.1990, -15.8741, -88.7515 Background



This preview shows how black text looks on a background with the YUV color 137.1990, -15.8741, -88.7515.



This preview shows how white text looks on a background with the YUV color 137.1990, -15.8741, -88.7515.

-88.7515.

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

137.1990, -15.8741, -88.7515

Protanopia

165.6470, -34.8290, 17.8496

Deuteranopia

168.6730, -27.4468, 30.1048



Tritanopia

154.6140, 21.8823, -65.4365

Trichromacy



Original Color

137.1990, -15.8741, -88.7515



Protanomaly

154.9410, -27.5789, -20.9963



Deuteranomaly

157.1360, -23.2380, -13.2743



Tritanomaly

148.3020, 8.2321, -73.9329

Monochromacy



Original Color

137.1990, -15.8741, -88.7515



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.8960, -5.8647, -32.3578

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1990, -15.8741, -88.7515 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(36, 195, 105)` looks like.

```
.text, #text, p{  
    color:rgb(36, 195, 105)  
}
```

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(36, 195, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 195, 105) }
```

Border

The CSS property to change the border of an element to YUV 137.1990, -15.8741, -88.7515 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(36, 195, 105) }
```


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

```
.border{ border-color:rgb(36, 195, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 195, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 195, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 195, 105);  
box-shadow:4px 4px 4px 4px rgb(36, 195,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 137.1990, -15.8741, -88.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 195, 105) }
```

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

```
.background{ background-color: rgb(36, 195,  
105) }
```

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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