

Converting Colors

YUV(137.2190, -9.4750,
-87.8921)

Have a look what the booklet for
YUV(137.2190, -9.4750, -87.8921)
contains.

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Color

**YUV(137.2190, -9.4750,
-87.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	25C076
RGB	37, 192, 118
RGB Percent	15%, 75%, 46%
CMY	0.8549, 0.2471, 0.5373
CMYK	0.81, 0.00, 0.39, 0.25
HSL	151°, 68%, 45%
HSV	151°, 81%, 75%
XYZ	22.8826, 39.4006, 23.5386
YIQ	137.2190, -68.6260, -55.8740

Conversions

Conversions Part 2

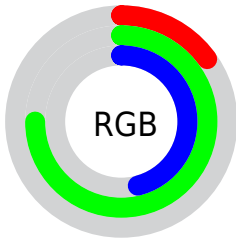
Format	Color
RYB	37, 139, 192
Decimal	2474102
CIELab	69.04, -55.51, 26.59
CIElCh	69, 61.546, 154.406
Yxy	39.4006, 0.2666, 0.4591
Android (android.graphics.Color)	4280664182 (0xFF25C076)
YUV	137.2190, -9.4750, -87.8921
Hunter-Lab	62.7699, -44.7756, 21.7053

Details

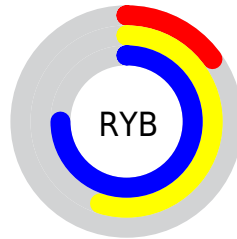
The YUV color **137.2190, -9.4750, -87.8921** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **91.7810, 9.4750, 87.8921**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8350, -13.7227, -78.7853**, and **88.2850, -9.5075, -77.4259** is the 20% darker color. If you saturate the color by 10%, you get **130.5120, -10.6054, -98.6730**, and if you desaturate by 10%, it is **143.9260, -8.3445, -77.1111**.

Distribution



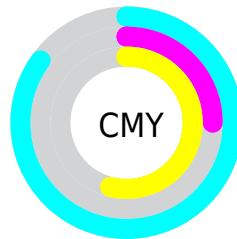
- Red (15%)
- Green (75%)
- Blue (46%)



- Red (15%)
- Yellow (55%)
- Blue (75%)



- Cyan (81%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)





- Cyan (85%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2190, -9.4750, -87.8921 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 137.2190, -9.4750, -87.8921 by changing the saturation by 10% instead.


 137.2190, -9.4750,
-87.8921


 137.2190, -9.4750,
-87.8921


255.0000, 0.0000,
0.0000

 106.8700, -6.8379,
-93.7250


 198.8350,
-13.7227, -78.7853

 88.2850, -9.5075,
-77.4259


 214.1170, -7.9457,
-65.0006

 70.2870, -12.4665,
-61.6417


 226.2790, -0.1375,
-49.3567

 52.5170, -14.5519,
-46.0574

 238.5550, 8.1074,
-33.8127

 35.2200, -17.3635,
-30.8879

 247.5250, 3.6852,
-15.3694

 21.7190, -10.7075,
-19.0476

 0.0000, 0.0000,

0.0000

■ 137.2190, -9.4750,
-87.8921

■ 137.2190, -9.4750,
-87.8921

■ 130.5120,
-10.6054, -98.6730

■ 143.9260, -8.3445,
-77.1111

■ 124.1040,
-11.8833, -108.8392

■ 150.6330, -7.2141,
-66.3301

■ 157.6390, -6.2310,
-54.9344

■ 164.4600, -4.6638,
-44.2534

■ 171.1670, -3.5333,
-33.4725

■ 177.8740, -2.4029,
-22.6915

■ 184.5810, -1.2724,
-11.9105

■ 191.5870, -0.2894,
-0.5148

■ 198.2940, 0.8411,
10.2662

Harmonies

Analogous

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



155.1680, -41.9878, -19.4413



137.2190, -9.4750, -87.8921



135.0020, 19.7190, -118.3968

Triad

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



137.2190, -9.4750, -87.8921



147.9740, 52.7638, -77.1532



163.2200, -26.7305, 80.4911

Complementary

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



137.2190, -9.4750, -87.8921



91.7810, 9.4750, 87.8921

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.



163.5060, -0.2495, 80.2402



137.2190, -9.4750, -87.8921



171.5380, 41.1468, 9.1752

Square

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



137.2190, -9.4750, -87.8921



138.8390, 57.2674, -121.7618



172.6450, 22.3600, 61.7013



164.9640, -48.7893, 62.2986

Rectangle

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



137.2190, -9.4750, -87.8921



138.7470, 36.6067, -121.6811



172.6450, 22.3600, 61.7013



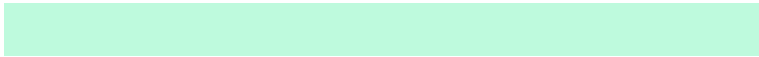
162.2230, -17.8579, 81.3654

Sweetspot

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



137.2190, -9.4750, -87.8921



228.7540, -3.8227, -33.9873



150.4100, -55.9111, -33.6856



112.2980, -2.1189, -20.4323



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.2190, -9.4750, -87.8921



164.1190, -14.8487, -137.7934



143.8940, 23.7163, -93.7460



93.4400, -0.7099, -5.6479



104.0830, -9.9009, -91.2808



21.3090, -2.1243, -18.6880

Inverse Universe

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



91.7810, 9.4750, 87.8921



92.8810, 14.8487, 137.7934



85.1060, -23.7163, 93.7460



90.5600, 0.7099, 5.6479



56.9170, 9.9009, 91.2808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 137.2190, -9.4750, -87.8921 looks on a white background.

Color Contrast Check

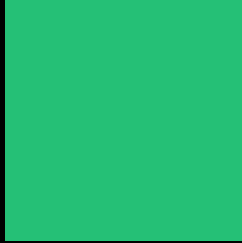
Large Text (above 18pt) WCAG AA × Fail

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 137.2190, -9.4750, -87.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

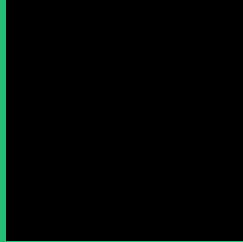
Any Text WCAG AA ✓ Pass

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 137.2190, -9.4750, -87.8921 Background



This preview shows how black text looks on a background with the YUV color 137.2190, -9.4750, -87.8921.



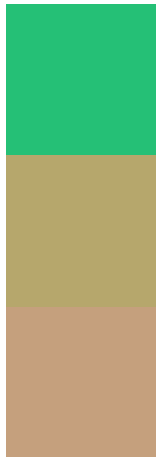
This preview shows how white text looks on a background with the YUV color 137.2190, -9.4750,

-87.8921.

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

137.2190, -9.4750, -87.8921

Protanopia

164.7590, -27.9822, 15.1204

Deuteranopia

167.0730, -20.7420, 26.2460



Tritanopia

152.0160, 22.1771, -66.6660

Trichromacy



Original Color

137.2190, -9.4750, -87.8921



Protanomaly

154.6510, -21.0269, -22.4959



Deuteranomaly

156.4330, -16.9755, -15.2887



Tritanomaly

146.8720, 10.4161, -74.4327

Monochromacy



Original Color

137.2190, -9.4750, -87.8921



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.1780, -3.5388, -31.7281

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2190, -9.4750, -87.8921 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(37, 192, 118)` looks like.

```
.text, #text, p{  
    color:rgb(37, 192, 118)  
}
```

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(37, 192, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 192, 118) }
```

Border

The CSS property to change the border of an element to YUV 137.2190, -9.4750, -87.8921 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(37, 192, 118) }
```


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

```
.border{ border-color:rgb(37, 192, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 192, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 192, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 192, 118);  
box-shadow:4px 4px 4px 4px rgb(37, 192,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 137.2190, -9.4750, -87.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 192, 118) }
```

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

```
.background{ background-color: rgb(37, 192,  
118) }
```

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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