

Converting Colors

YUV(137.7290, -29.9394,
-104.1253)

Have a look what the booklet for
YUV(137.7290, -29.9394, -104.1253)
contains.

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Color

**YUV(137.7290, -29.9394,
-104.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	13D24D
RGB	19, 210, 77
RGB Percent	7%, 82%, 30%
CMY	0.9255, 0.1765, 0.6980
CMYK	0.91, 0.00, 0.63, 0.18
HSL	138°, 83%, 45%
HSV	138°, 91%, 82%
XYZ	24.6547, 46.7675, 14.7488
YIQ	137.7290, -71.1430, -81.8550

Conversions

Conversions Part 2

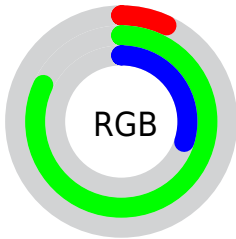
Format	Color
RYB	19, 166, 210
Decimal	1299021
CIELab	74.04, -69.23, 52.53
CIELCh	74, 86.902, 142.810
Yxy	46.7675, 0.2861, 0.5427
Android (android.graphics.Color)	4279489101 (0xFF13D24D)
YUV	137.7290, -29.9394, -104.1253
Hunter-Lab	68.3867, -55.3242, 35.0838

Details

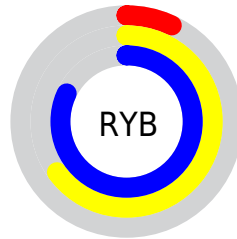
The YUV color **137.7290, -29.9394, -104.1253** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **91.2710, 29.9394, 104.1253**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9110, -32.4941, -77.9749**, and **92.4500, -36.7039, -81.0786** is the 20% darker color. If you saturate the color by 10%, you get **130.5660, -32.8170, -114.5064**, and if you desaturate by 10%, it is **145.7180, -26.4830, -92.7147**.

Distribution



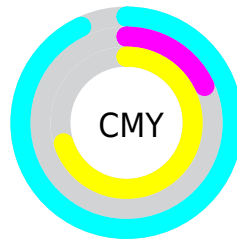
- Red (7%)
- Green (82%)
- Blue (30%)



- Red (7%)
- Yellow (65%)
- Blue (82%)



- Cyan (91%)
- Magenta (0%)
- Yellow (63%)
- Black (18%)



- Cyan (93%)
- Magenta (18%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7290, -29.9394, -104.1253 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 137.7290, -29.9394, -104.1253 by changing the saturation by 10% instead.

■ 137.7290,
-29.9394, -104.1253

■ 137.7290,
-29.9394, -104.1253

■ 255.0000, 0.0000,
0.0000

■ 112.5340,
-30.8293, -98.6923

■ 196.9110,
-32.4941, -77.9749

■ 92.4500, -36.7039,
-81.0786

■ 209.8560,
-25.5650, -60.3867

■ 74.5490, -36.7527,
-65.3795

■ 222.3170,
-17.9043, -44.1280

■ 58.7000, -28.9391,
-51.4799

■ 234.7780,
-10.2436, -27.8693

■ 43.4380, -21.4149,
-38.0951

■ 247.4670, -1.7092,
-11.8106

■ 29.9370, -14.7589,
-26.2547

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 137.7290,
-29.9394, -104.1253

■ 137.7290,
-29.9394, -104.1253

■ 130.5660,
-32.8170, -114.5064

■ 145.7180,
-26.4830, -92.7147

■ 153.5930,
-23.4633, -81.2041

■ 161.5820,
-20.0069, -69.7934

■ 169.4570,
-16.9873, -58.2828

■ 177.4460,
-13.5309, -46.8721

■ 185.4350,
-10.0745, -35.4615

■ 193.3100, -7.0548,
-23.9509

■ 201.2990, -3.5984,
-12.5402

■ 209.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



162.8920, -80.3058, -2.5363



137.7290, -29.9394, -104.1253



145.5050, 6.6530, -127.6079

Triad

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



137.7290, -29.9394, -104.1253



144.7090, 54.3735, -126.9098



149.7820, -12.2175, 92.2762

Complementary

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



137.7290, -29.9394, -104.1253



91.2710, 29.9394, 104.1253

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.



155.9670, 24.1733, 86.8519



137.7290, -29.9394, -104.1253



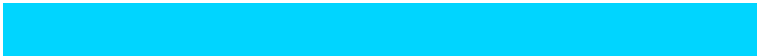
168.9370, 42.4291, -28.8857

Square

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



137.7290, -29.9394, -104.1253



154.1010, 49.7432, -135.1466



181.6250, 36.1739, 64.3499



162.3640, -55.3955, 81.2418

Rectangle

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



137.7290, -29.9394, -104.1253



152.4760, 30.8243, -133.7215



181.6250, 36.1739, 64.3499



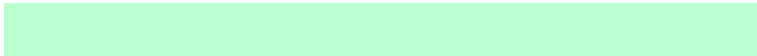
148.6370, 1.1650, 93.2804

Sweetspot

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



137.7290, -29.9394, -104.1253



228.8970, -10.7952, -37.6207



171.1830, -75.0262, -15.9465



112.4350, -6.6235, -22.3065



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.



137.7290, -29.9394, -104.1253



158.4630, -40.1613, -138.9721



148.5590, 11.5564, -113.6232



100.7990, -1.8729, -5.9627



104.4300, -26.3410, -91.5851



25.4350, -6.6235, -22.3065

Inverse Universe

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



91.2710, 29.9394, 104.1253



96.5370, 40.1613, 138.9721



80.4410, -11.5564, 113.6232



98.0870, 1.4361, 6.0627



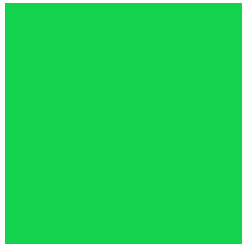
63.5700, 26.3410, 91.5851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 137.7290, -29.9394, -104.1253 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 137.7290, -29.9394, -104.1253 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 137.7290, -29.9394, -104.1253 Background



This preview shows how black text looks on a background with the YUV color 137.7290, -29.9394, -104.1253.

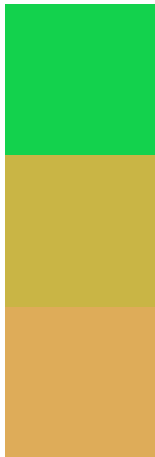


This preview shows how white text looks on a background with the YUV color 137.7290, -29.9394, -104.1253.

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

137.7290, -29.9394, -104.1253

Protanopia

174.2120, -51.8695, 23.4931

Deuteranopia

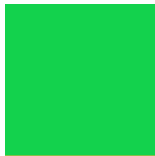
177.4880, -43.6246, 39.0370



Tritanopia

165.6350, 23.3509, -69.8399

Trichromacy



Original Color

137.7290, -29.9394, -104.1253



Protanomaly

161.2770, -44.0136, -23.0449



Deuteranomaly

163.1240, -38.5151, -13.2637



Tritanomaly

155.8080, 4.0387, -82.2696

Monochromacy



Original Color

137.7290, -29.9394, -104.1253



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.8970, -10.7952, -37.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7290, -29.9394, -104.1253 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(19, 210, 77)` looks like.

```
.text, #text, p{  
    color:rgb(19, 210, 77)  
}
```

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(19, 210, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 210, 77) }
```

Border

The CSS property to change the border of an element to YUV 137.7290, -29.9394, -104.1253 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(19, 210, 77) }
```


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

```
.border{ border-color:rgb(19, 210, 77) }
```

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

Here you see how a box with a 4 pixel rgb(19, 210, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 210, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 210, 77);  
box-shadow:4px 4px 4px 4px rgb(19, 210,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 137.7290, -29.9394, -104.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 210, 77) }
```

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

```
.background{ background-color: rgb(19, 210,  
77) }
```

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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