

Converting Colors

YUV(137.2120, -12.4295,
-120.3349)

Have a look what the booklet for
YUV(137.2120, -12.4295, -120.3349)
contains.

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Color

**YUV(137.2120, -12.4295,
-120.3349)**

Conversions

Conversions Part 1

Format	Color
Hex	00D470
RGB	0, 212, 112
RGB Percent	0%, 83%, 44%
CMY	1.0000, 0.1686, 0.5608
CMYK	1.00, 0.00, 0.47, 0.17
HSL	152°, 100%, 42%
HSV	152°, 100%, 83%
XYZ	26.4681, 48.2568, 23.2487
YIQ	137.2120, -94.2520, -76.0440

Conversions

Conversions Part 2

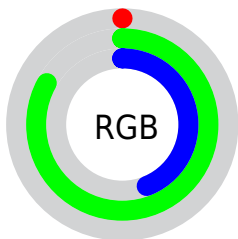
Format	Color
RYB	0, 139, 212
Decimal	54384
CIELab	74.99, -65.67, 37.33
CIELCh	75, 75.543, 150.382
Yxy	48.2568, 0.2702, 0.4925
Android (android.graphics.Color)	4278244464 (0xFF00D470)
YUV	137.2120, -12.4295, -120.3349
Hunter-Lab	69.4671, -53.5561, 28.7843

Details

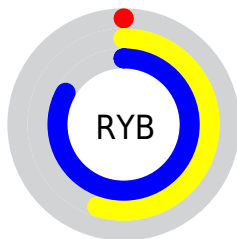
The YUV color **137.2120, -12.4295, -120.3349** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **74.7880, 12.4295, 120.3349**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5910, -17.0534, -83.8333**, and **98.6400, -18.0635, -86.5073** is the 20% darker color. If you saturate the color by 10%, you get **137.2120, -12.4295, -120.3349**, and if you desaturate by 10%, it is **144.6310, -11.1571, -108.4244**.

Distribution



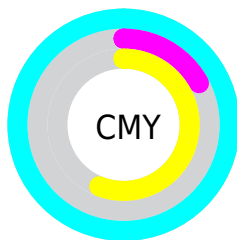
- Red (0%)
- Green (83%)
- Blue (44%)



- Red (0%)
- Yellow (55%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2120, -12.4295, -120.3349 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 137.2120, -12.4295, -120.3349 by changing the saturation by 10% instead.

■ 137.2120,
-12.4295, -120.3349

■ 137.2120,
-12.4295, -120.3349

■ 255.0000, 0.0000,
0.0000

■ 117.9260,
-15.2465, -103.4211

■ 199.5910,
-17.0534, -83.8333

■ 98.6400, -18.0635,
-86.5073

■ 212.6500, -9.6875,
-66.3451

■ 79.9410, -21.1699,
-70.1083

■ 225.1110, -2.0267,
-50.0863

■ 60.9000, -25.5867,
-53.4093

■ 237.6860, 6.0708,
-33.9276

■ 44.6120, -21.9937,
-39.1247

■ 247.5250, 3.6852,
-15.3694

■ 31.1110, -15.3377,
-27.2843

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 137.2120,
-12.4295, -120.3349

■ 144.6310,
-11.1571, -108.4244

■ 152.0500, -9.8846,
-96.5138

■ 159.7680, -8.7596,
-83.9885

■ 167.1870, -7.4872,
-72.0780

■ 174.6060, -6.2148,
-60.1675

■ 182.0250, -4.9423,
-48.2569

■ 189.4440, -3.6699,
-36.3464

■ 197.1620, -2.5449,
-23.8211

■ 204.5810, -1.2724,
-11.9105

Harmonies

Analogous

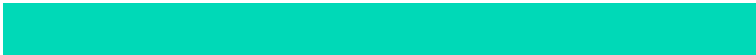
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.1240, -58.7281, -16.7717



137.2120, -12.4295, -120.3349



148.2410, 17.1362, -130.0074

Triad

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



137.2120, -12.4295, -120.3349



141.7740, 55.8204, -124.3358



163.6590, -22.5099, 80.1061

Complementary

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



137.2120, -12.4295, -120.3349



74.7880, 12.4295, 120.3349

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.



165.0680, 10.8125, 78.8704



137.2120, -12.4295, -120.3349



181.5280, 36.2217, 2.1679

Square

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



137.2120, -12.4295, -120.3349



151.7530, 50.9008, -133.0874



183.9730, 35.0163, 62.2907



173.9560, -56.6733, 71.0756

Rectangle

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



137.2120, -12.4295, -120.3349



153.7130, 38.1025, -134.8063



183.9730, 35.0163, 62.2907



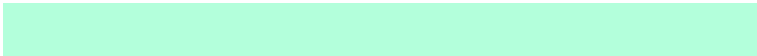
162.6450, -11.1640, 80.9953

Sweetspot

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



137.2120, -12.4295, -120.3349



228.1720, -4.5218, -43.1238



154.9420, -76.3864, -46.4301



111.7380, -2.8288, -26.0802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

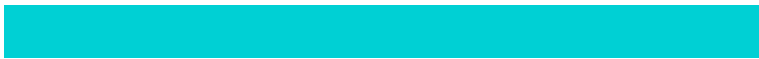
The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.2120, -12.4295, -120.3349



165.0750, -14.8270, -144.7708



146.2640, 32.4078, -128.2735



103.1410, -0.5625, -6.2627



110.6370, -10.1740, -97.0286



27.8630, -2.3975, -24.4359

Inverse Universe

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



74.7880, 12.4295, 120.3349



89.9250, 14.8270, 144.7708



65.7360, -32.4078, 128.2735



99.8590, 0.5625, 6.2627



60.3630, 10.1740, 97.0286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 137.2120, -12.4295, -120.3349 looks on a white background.

Color Contrast Check

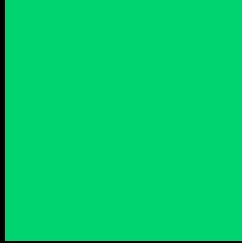
Large Text (above 18pt) WCAG AA × Fail

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 137.2120, -12.4295, -120.3349 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 137.2120, -12.4295, -120.3349 Background



This preview shows how black text looks on a background with the YUV color 137.2120, -12.4295, -120.3349.



This preview shows how white text looks on a background with the YUV color 137.2120, -12.4295, -120.3349.

-120.3349.

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

137.2120, -12.4295, -120.3349

Protanopia

179.1480, -38.0340, 19.1642

Deuteranopia

182.2990, -30.2204, 33.0638



Tritanopia

166.0580, 25.1144, -75.4729

Trichromacy



Original Color

137.2120, -12.4295, -120.3349



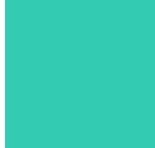
Protanomaly

164.2340, -28.7094, -31.7772



Deuteranomaly

165.6680, -23.5003, -22.5108



Tritanomaly

155.4030, 11.6333, -91.5614

Monochromacy



Original Color

137.2120, -12.4295, -120.3349



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.8730, -4.3744, -43.7386

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2120, -12.4295, -120.3349 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, 212, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 112)  
}
```

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, 212, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 112) }
```

Border

The CSS property to change the border of an element to YUV 137.2120, -12.4295, -120.3349 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, 212, 112) }
```


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

```
.border{ border-color:rgb(0, 212, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 137.2120, -12.4295, -120.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 112) }
```

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

```
.background{ background-color: rgb(0, 212,  
112) }
```

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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