

Converting Colors

YUV(130.0790, -37.5069,
-103.5553)

Have a look what the booklet for
YUV(130.0790, -37.5069, -103.5553)
contains.

YUV(130.0790, -37.5069, -103.5553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.0790, -37.5069,
-103.5553)**

Conversions

Conversions Part 1

Format	Color
Hex	0CCD36
RGB	12, 205, 54
RGB Percent	5%, 80%, 21%
CMY	0.9529, 0.1961, 0.7882
CMYK	0.94, 0.00, 0.74, 0.20
HSL	133°, 89%, 43%
HSV	133°, 94%, 80%
XYZ	22.6488, 44.0071, 10.7905
YIQ	130.0790, -66.5570, -87.8770

Conversions

Conversions Part 2

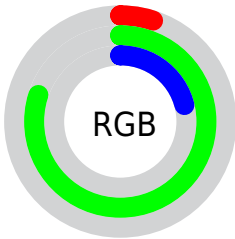
Format	Color
RYB	12, 171, 205
Decimal	838966
CIELab	72.23, -70.33, 59.57
CIELCh	72, 92.171, 139.734
Yxy	44.0071, 0.2924, 0.5682
Android (android.graphics.Color)	4279029046 (0xFF0CCD36)
YUV	130.0790, -37.5069, -103.5553
Hunter-Lab	66.3379, -55.1486, 36.7924

Details

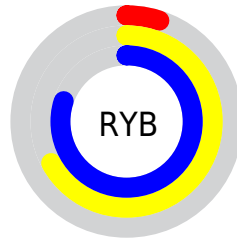
The YUV color **130.0790, -37.5069, -103.5553** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **86.9210, 37.5069, 103.5553**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9190, -41.3721, -77.1050**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **125.4650, -39.6692, -110.0328**, and if you desaturate by 10%, it is **138.1820, -33.6137, -92.2446**.

Distribution



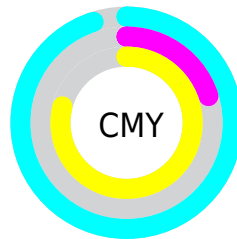
- Red (5%)
- Green (80%)
- Blue (21%)



- Red (5%)
- Yellow (67%)
- Blue (80%)



- Cyan (94%)
- Magenta (0%)
- Yellow (74%)
- Black (20%)



- Cyan (95%)
- Magenta (20%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0790, -37.5069, -103.5553 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 130.0790, -37.5069, -103.5553 by changing the saturation by 10% instead.

■ 130.0790,
-37.5069, -103.5553

■ 130.0790,
-37.5069, -103.5553

255.0000, 0.0000,
0.0000

■ 106.1790,
-42.4862, -93.1190

■ 193.9190,
-41.3721, -77.1050

■ 87.4630, -43.1193,
-76.7051

■ 206.8640,
-34.4430, -59.5167

■ 71.6140, -35.3057,
-62.8055

■ 219.3250,
-26.7822, -43.2580

■ 55.7650, -27.4921,
-48.9059

■ 231.9000,
-18.6847, -27.0993

■ 41.0900, -20.2574,
-36.0359

■ 244.7740,
-10.7346, -10.3258

■ 27.0020, -13.3120,
-23.6808

254.6580, -1.3104,

■ 8.8050, -4.3409,

0.2999

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 130.0790,
-37.5069, -103.5553

■ 130.0790,
-37.5069, -103.5553

■ 125.4650,
-39.6692, -110.0328

■ 138.1820,
-33.6137, -92.2446

■ 145.9860,
-29.5731, -81.5487

■ 154.0890,
-25.6799, -70.2381

■ 161.8930,
-21.6392, -59.5422

■ 169.9960,
-17.7460, -48.2315

■ 177.8000,
-13.7054, -37.5356

■ 185.9030, -9.8122,
-26.2249

■ 193.7070, -5.7716,
-15.5290

■ 201.8100, -1.8783,
-4.2184

Harmonies

Analogous

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



159.3700, -78.5694, 0.5525



130.0790, -37.5069, -103.5553



140.8600, 1.5480, -123.5342

Triad

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



130.0790, -37.5069, -103.5553



144.1220, 54.6629, -126.3950



138.7430, -6.2823, 101.9574

Complementary

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



130.0790, -37.5069, -103.5553



86.9210, 37.5069, 103.5553

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.



147.7320, 30.6981, 94.0740



130.0790, -37.5069, -103.5553



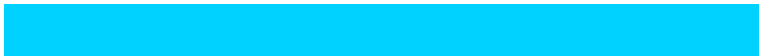
156.0910, 48.7621, -53.5768

Square

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



130.0790, -37.5069, -103.5553



152.3400, 50.6114, -133.6022



176.5970, 38.6527, 62.6204



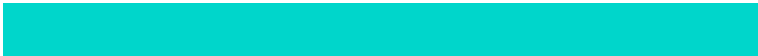
154.0490, -54.2542, 88.5340

Rectangle

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



130.0790, -37.5069, -103.5553



148.7600, 26.7403, -130.4625



176.5970, 38.6527, 62.6204



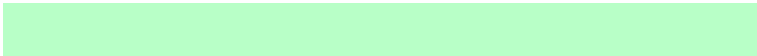
137.1250, 7.8264, 103.3764

Sweetspot

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



130.0790, -37.5069, -103.5553



227.3870, -13.9948, -38.0504



170.4400, -78.1109, -6.5249



110.9680, -8.3652, -23.6509



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.



130.0790, -37.5069, -103.5553



155.9550, -49.7708, -136.7725



141.0230, 4.4257, -113.1532



98.0980, -2.0203, -5.3479



101.5460, -32.3142, -89.0558



23.2180, -7.5025, -20.3622

Inverse Universe

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



86.9210, 37.5069, 103.5553



99.0450, 49.7708, 136.7725



75.9770, -4.4257, 113.1532



95.9020, 2.0203, 5.3479



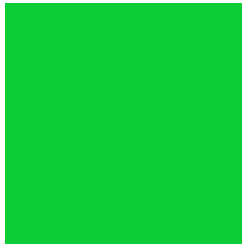
64.4540, 32.3142, 89.0558



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 130.0790, -37.5069, -103.5553 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 130.0790, -37.5069, -103.5553 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 130.0790, -37.5069, -103.5553 Background



This preview shows how black text looks on a background with the YUV color 130.0790, -37.5069, -103.5553.



This preview shows how white text looks on a background with the YUV color 130.0790, -37.5069, -103.5553.

-103.5553.

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

130.0790, -37.5069, -103.5553

Protanopia

167.5730, -59.4425, 25.8075

Deuteranopia

171.0770, -50.3240, 41.1515



Tritanopia

161.1300, 22.6139, -66.7660

Trichromacy



Original Color

130.0790, -37.5069, -103.5553



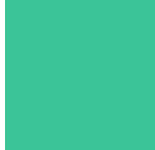
Protanomaly

154.3390, -51.4391, -21.3453



Deuteranomaly

156.3000, -45.5039, -11.6641



Tritanomaly

149.6080, 0.6863, -80.3402

Monochromacy



Original Color

130.0790, -37.5069, -103.5553



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.8000, -13.7054, -37.5356

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0790, -37.5069, -103.5553 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(12, 205, 54)` looks like.

```
.text, #text, p{  
    color:rgb(12, 205, 54)  
}
```

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(12, 205, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 205, 54) }
```

Border

The CSS property to change the border of an element to YUV 130.0790, -37.5069, -103.5553 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(12, 205, 54) }
```


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

```
.border{ border-color:rgb(12, 205, 54) }
```

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

Here you see how a box with a 4 pixel rgb(12, 205, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 205, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 205, 54);  
box-shadow:4px 4px 4px 4px rgb(12, 205,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 130.0790, -37.5069, -103.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 205, 54) }
```

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

```
.background{ background-color: rgb(12, 205,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor