

Converting Colors

YUV(137.4630, -50.0213,
-103.0151)

Have a look what the booklet for
YUV(137.4630, -50.0213, -103.0151)
contains.

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Color

**YUV(137.4630, -50.0213,
-103.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	14D924
RGB	20, 217, 36
RGB Percent	8%, 85%, 14%
CMY	0.9216, 0.1490, 0.8588
CMYK	0.91, 0.00, 0.83, 0.15
HSL	125°, 83%, 46%
HSV	125°, 91%, 85%
XYZ	25.4198, 49.9018, 9.9613
YIQ	137.4630, -59.3110, -98.0550

Conversions

Conversions Part 2

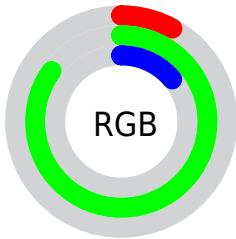
Format	Color
RYB	20, 202, 217
Decimal	1366308
CIELab	76.01, -74.45, 68.52
CIELCh	76, 101.179, 137.375
Yxy	49.9018, 0.2981, 0.5851
Android (android.graphics.Color)	4279556388 (0xFF14D924)
YUV	137.4630, -50.0213, -103.0151
Hunter-Lab	70.6412, -59.3900, 41.0882

Details

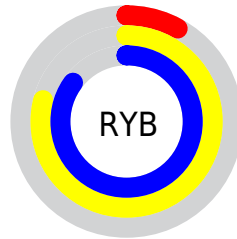
The YUV color **137.4630, -50.0213, -103.0151** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **99.5370, 50.0213, 103.0151**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4590, -47.0613, -72.3165**, and **93.9200, -46.3026, -82.3678** is the 20% darker color. If you saturate the color by 10%, you get **129.4310, -54.9355, -113.5110**, and if you desaturate by 10%, it is **146.3210, -44.5283, -91.4895**.

Distribution



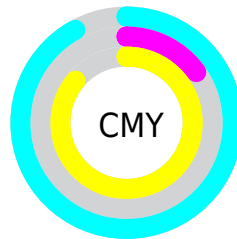
- Red (8%)
- Green (85%)
- Blue (14%)



- Red (8%)
- Yellow (79%)
- Blue (85%)



- Cyan (91%)
- Magenta (0%)
- Yellow (83%)
- Black (15%)



- Cyan (92%)
- Magenta (15%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4630, -50.0213, -103.0151 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 137.4630, -50.0213, -103.0151 by changing the saturation by 10% instead.

■ 137.4630,
-50.0213, -103.0151

■ 137.4630,
-50.0213, -103.0151

■ 255.0000, 0.0000,
0.0000

■ 110.3560,
-54.4055, -96.7822

■ 194.4590,
-47.0613, -72.3165

■ 93.9200, -46.3026,
-82.3678

■ 207.5180,
-39.6954, -54.8283

■ 78.0710, -38.4890,
-68.4683

■ 220.2780,
-32.1821, -37.9548

■ 62.2220, -30.6754,
-54.5687

■ 233.1520,
-24.2319, -21.1813

■ 46.9600, -23.1513,
-41.1839

■ 245.7270,
-16.1344, -5.0226

■ 32.8720, -16.2059,
-28.8287

■ 253.6320, -5.2416,

■ 17.0230, -8.3923,

1.1997

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 137.4630,
-50.0213, -103.0151

■ 137.4630,
-50.0213, -103.0151

■ 129.4310,
-54.9355, -113.5110

■ 146.3210,
-44.5283, -91.4895

■ 154.8800,
-38.8878, -80.5788

■ 163.7380,
-33.3948, -69.0532

■ 172.5960,
-27.9018, -57.5277

■ 181.4540,
-22.4088, -46.0022

■ 190.0130,
-16.7684, -35.0914

■ 198.8710,
-11.2754, -23.5659

■ 207.7290, -5.7824,
-12.0403

■ 216.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



169.7250, -83.6744, 4.6262



137.4630, -50.0213, -103.0151



148.3770, -2.6509, -130.1266

Triad

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



137.4630, -50.0213, -103.0151



152.3400, 50.6114, -133.6022



134.2410, 1.8532, 105.9056

Complementary

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



137.4630, -50.0213, -103.0151



99.5370, 50.0213, 103.0151

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.



147.7780, 41.0284, 94.0337



137.4630, -50.0213, -103.0151



146.6900, 53.3968, -93.5671

Square

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



137.4630, -50.0213, -103.0151



160.5580, 46.5599, -140.8094



182.7990, 35.5951, 63.3203



153.5760, -53.5280, 88.9488

Rectangle

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



137.4630, -50.0213, -103.0151



157.6620, 25.3096, -138.2696



182.7990, 35.5951, 63.3203



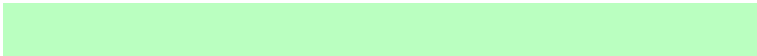
132.4920, 17.9984, 107.4395

Sweetspot

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



137.4630, -50.0213, -103.0151



227.1870, -17.3472, -36.1210



190.6550, -84.1329, 11.7036



111.4090, -10.5546, -21.4067



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.



137.4630, -50.0213, -103.0151



152.0790, -64.6219, -133.3733



148.4070, -8.0887, -112.6129



105.5710, -2.7465, -5.7628



103.1470, -43.9495, -90.4599



27.4580, -11.5648, -24.0807

Inverse Universe

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



99.5370, 50.0213, 103.0151



102.9210, 64.6219, 133.3733



88.5930, 8.0887, 112.6129



103.4290, 2.7465, 5.7628



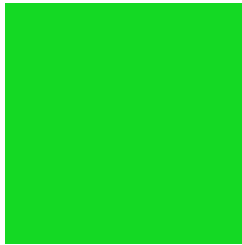
69.8530, 43.9495, 90.4599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 137.4630, -50.0213, -103.0151 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 137.4630, -50.0213, -103.0151 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 137.4630, -50.0213, -103.0151 Background



This preview shows how black text looks on a background with the YUV color 137.4630, -50.0213, -103.0151.



This preview shows how white text looks on a background with the YUV color 137.4630, -50.0213, -103.0151.

-103.0151.

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

137.4630, -50.0213, -103.0151

Protanopia

174.7510, -72.8412, 30.0364

Deuteranopia

179.2920, -59.7970, 46.2249



Tritanopia

170.9340, 23.2035, -69.2251

Trichromacy



Original Color

137.4630, -50.0213, -103.0151



Protanomaly

160.9190, -64.5431, -18.3460



Deuteranomaly

164.1620, -56.2819, -8.0351



Tritanomaly

158.5710, -3.2395, -81.1848

Monochromacy



Original Color

137.4630, -50.0213, -103.0151



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.9480, -18.2154, -37.6654

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4630, -50.0213, -103.0151 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(20, 217, 36)` looks like.

```
.text, #text, p{  
    color:rgb(20, 217, 36)  
}
```

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(20, 217, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 217, 36) }
```

Border

The CSS property to change the border of an element to YUV 137.4630, -50.0213, -103.0151 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(20, 217, 36) }
```


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

```
.border{ border-color:rgb(20, 217, 36) }
```

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

Here you see how a box with a 4 pixel rgb(20, 217, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 217, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 217, 36);  
box-shadow:4px 4px 4px 4px rgb(20, 217,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 137.4630, -50.0213, -103.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 217, 36) }
```

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

```
.background{ background-color: rgb(20, 217,  
36) }
```

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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