

Converting Colors

YUV(153.1260, -11.8941,
-105.3505)

Have a look what the booklet for
YUV(153.1260, -11.8941, -105.3505)
contains.

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Color

**YUV(153.1260, -11.8941,
-105.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	21DB81
RGB	33, 219, 129
RGB Percent	13%, 86%, 51%
CMY	0.8706, 0.1412, 0.4941
CMYK	0.85, 0.00, 0.41, 0.14
HSL	151°, 74%, 49%
HSV	151°, 85%, 86%
XYZ	29.9212, 52.5713, 29.3392
YIQ	153.1260, -81.9660, -67.4220

Conversions

Conversions Part 2

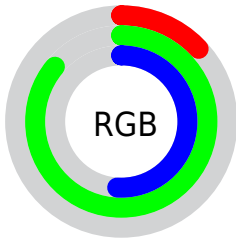
Format	Color
R_{YB}	33, 156, 219
Decimal	2218881
CIE _{Lab}	77.62, -63.41, 32.24
CIE _{LCh}	78, 71.130, 153.050
Yxy	52.5713, 0.2676, 0.4701
Android (android.graphics.Color)	4280408961 (0xFF21DB81)
YUV	153.1260, -11.8941, -105.3505
Hunter-Lab	72.5061, -53.2239, 26.7629

Details

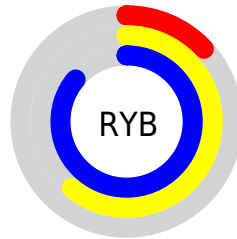
The YUV color **153.1260, -11.8941, -105.3505** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **98.8740, 11.8941, 105.3505**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6330, -10.6651, -79.4851**, and **103.9860, -12.8111, -91.1957** is the 20% darker color. If you saturate the color by 10%, you get **145.2940, -13.4559, -117.7758**, and if you desaturate by 10%, it is **160.9580, -10.3323, -92.9252**.

Distribution



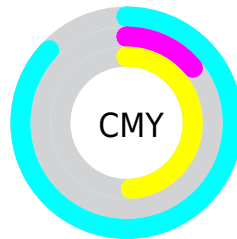
- Red (13%)
- Green (86%)
- Blue (51%)



- Red (13%)
- Yellow (61%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (14%)



- Cyan (87%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1260, -11.8941, -105.3505 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 153.1260, -11.8941, -105.3505 by changing the saturation by 10% instead.

■ 153.1260,
-11.8941, -105.3505

■ 153.1260,
-11.8941, -105.3505

■ 255.0000, 0.0000,
0.0000

■ 123.2720, -9.9941,
-108.1095

■ 204.6330,
-10.6651, -79.4851

■ 103.9860,
-12.8111, -91.1957

■ 217.3930, -3.1517,
-62.6117

■ 85.4010, -15.4807,
-74.8967

■ 229.8540, 4.5090,
-46.3530

■ 67.4030, -18.4397,
-59.1124

■ 240.9470, 6.9281,
-28.8945

■ 49.2910, -21.8355,
-43.2282

■ 250.2160, 2.3585,
-9.8364

■ 34.0460, -16.7847,
-29.8583

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 153.1260,
-11.8941, -105.3505

■ 153.1260,
-11.8941, -105.3505

■ 145.2940,
-13.4559, -117.7758

■ 160.9580,
-10.3323, -92.9252


■ 141.4350,
-14.0185, -124.0385

■ 168.6760, -9.2073,
-80.3999


■ 176.5080, -7.6454,
-67.9745


■ 184.2260, -6.5204,
-55.4492

■ 191.7590, -4.8112,
-43.6386

 199.5910, -3.2494,
-31.2133

 207.3090, -2.1243,
-18.6880

 215.1410, -0.5625,
-6.2627

 222.8590, 0.5625,
6.2627

Harmonies

Analogous

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



176.3390, -51.4391, -21.3453



153.1260, -11.8941, -105.3505



153.3590, 21.5150, -134.4958

Triad

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



153.1260, -11.8941, -105.3505



149.1940, 52.1624, -117.6881



173.1480, -24.2300, 71.7842

Complementary

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



153.1260, -11.8941, -105.3505



98.8740, 11.8941, 105.3505

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.



173.4000, 7.1978, 71.5632



153.1260, -11.8941, -105.3505



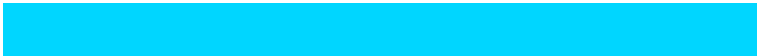
189.8450, 32.1214, 10.6599

Square

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



153.1260, -11.8941, -105.3505



154.6880, 49.4538, -135.6614



189.6150, 31.2488, 57.3426



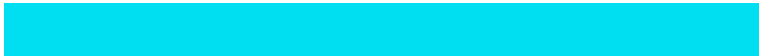
181.7810, -54.6150, 64.2131

Rectangle

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



153.1260, -11.8941, -105.3505



158.4890, 41.1709, -138.9949



189.6150, 31.2488, 57.3426



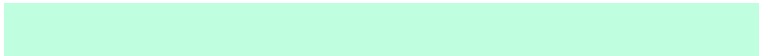
171.3190, -13.4683, 73.3882

Sweetspot

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



153.1260, -11.8941, -105.3505



232.3300, -4.1067, -36.2464



169.9890, -67.5356, -38.5784



114.1730, -2.5503, -22.0767



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.



153.1260, -11.8941, -105.3505



164.7330, -16.1374, -144.4708



163.3860, 27.4177, -114.3485



106.0270, -0.9993, -6.1627



111.6970, -11.1896, -97.9583



29.7380, -2.8288, -26.0802

Inverse Universe

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



98.8740, 11.8941, 105.3505



90.2670, 16.1374, 144.4708



88.6140, -27.4177, 114.3485



102.8590, 0.5625, 6.2627



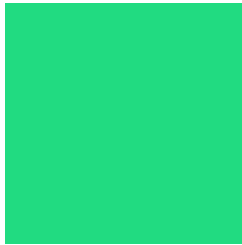
61.3030, 11.1896, 97.9583



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 153.1260, -11.8941, -105.3505 looks on a white background.

Color Contrast Check

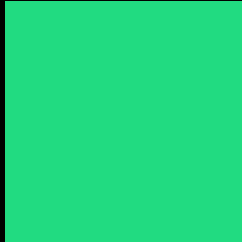
Large Text (above 18pt) WCAG AA × Fail

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 153.1260, -11.8941, -105.3505 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 153.1260, -11.8941, -105.3505 Background



This preview shows how black text looks on a background with the YUV color 153.1260, -11.8941, -105.3505.



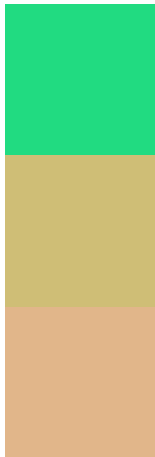
This preview shows how white text looks on a background with the YUV color 153.1260, -11.8941, -105.3505.

-105.3505.

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

153.1260, -11.8941, -105.3505

Protanopia

186.8750, -33.9554, 17.6496

Deuteranopia

189.8410, -25.5576, 30.8344



Tritanopia

173.1610, 25.5566, -77.3172

Trichromacy



Original Color

153.1260, -11.8941, -105.3505



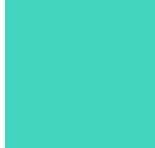
Protanomaly

174.9510, -26.1048, -27.1440



Deuteranomaly

176.2000, -20.3116, -18.5924



Tritanomaly

165.8380, 11.9119, -87.5579

Monochromacy



Original Color

153.1260, -11.8941, -105.3505



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.9060, -4.3907, -38.5056

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1260, -11.8941, -105.3505 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(33, 219, 129)` looks like.

```
.text, #text, p{  
    color:rgb(33, 219, 129)  
}
```

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(33, 219, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 219, 129) }
```

Border

The CSS property to change the border of an element to YUV 153.1260, -11.8941, -105.3505 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(33, 219, 129) }
```


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

```
.border{ border-color:rgb(33, 219, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 219, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 219, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 219, 129);  
box-shadow:4px 4px 4px 4px rgb(33, 219,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 153.1260, -11.8941, -105.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 219, 129) }
```

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

```
.background{ background-color: rgb(33, 219,  
129) }
```

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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