

Converting Colors

YUV(145.8890, -5.8613,
-127.0677)

Have a look what the booklet for
YUV(145.8890, -5.8613, -127.0677)
contains.

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Color

**YUV(145.8890, -5.8613,
-127.0677)**

Conversions

Conversions Part 1

Format	Color
Hex	01DE86
RGB	1, 222, 134
RGB Percent	0%, 87%, 53%
CMY	0.9961, 0.1294, 0.4745
CMYK	1.00, 0.00, 0.40, 0.13
HSL	156°, 99%, 44%
HSV	156°, 100%, 87%
XYZ	30.4369, 53.9702, 31.3674
YIQ	145.8890, -103.4680, -74.2200

Conversions

Conversions Part 2

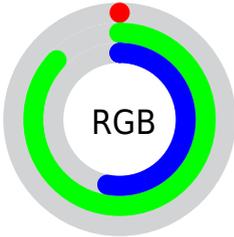
Format	Color
RYB	1, 139, 222
Decimal	122502
CIELab	78.44, -65.01, 30.75
CIELCh	78, 71.914, 154.689
Yxy	53.9702, 0.2629, 0.4662
Android (android.graphics.Color)	4278312582 (0xFF01DE86)
YUV	145.8890, -5.8613, -127.0677
Hunter-Lab	73.4644, -54.6089, 26.1098

Details

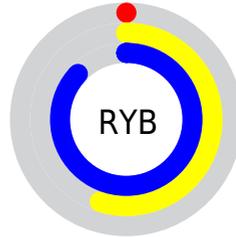
The YUV color **145.8890, -5.8613, -127.0677** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **77.1110, 5.8613, 127.0677**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1100, -7.4492, -84.2885**, and **106.3170, -11.4953, -93.2400** is the 20% darker color. If you saturate the color by 10%, you get **145.5900, -5.7139, -127.6824**, and if you desaturate by 10%, it is **153.4930, -5.1730, -114.4424**.

Distribution



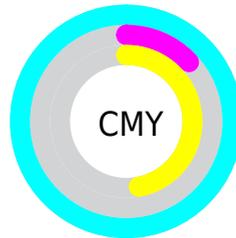
- Red (0%)
- Green (87%)
- Blue (53%)



- Red (0%)
- Yellow (55%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.8890, -5.8613, -127.0677 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 145.8890, -5.8613, -127.0677 by changing the saturation by 10% instead.

■ 145.8890, -5.8613,
-127.0677

■ 145.8890, -5.8613,
-127.0677

255.0000, 0.0000,
0.0000

■ 125.6030, -8.6783,
-110.1538

■ 203.1100, -7.4492,
-84.2885

■ 106.3170,
-11.4953, -93.2400

■ 216.1690, -0.0833,
-66.8002

■ 87.7320, -14.1649,
-76.9410

■ 229.0430, 7.8668,
-50.0267

■ 69.1470, -16.8345,
-60.6419

■ 239.4520, 7.6652,
-31.9684

■ 51.1490, -19.7935,
-44.8577

■ 248.7210, 3.0955,
-12.9103

■ 35.2200, -17.3635,
-30.8879

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 145.8890, -5.8613,
-127.0677

■ 145.8890, -5.8613,
-127.0677

■ 145.5900, -5.7139,
-127.6824

■ 153.4930, -5.1730,
-114.4424

■ 161.0970, -4.4848,
-101.8171

■ 169.0000, -3.9440,
-88.5770

■ 176.4900, -3.6926,
-75.8517

■ 184.0940, -3.0043,
-63.2264

■ 191.6980, -2.3161,
-50.6011

■ 199.3020, -1.6279,
-37.9759

■ 207.2050, -1.0871,
-24.7358

■ 214.8090, -0.3988,
-12.1105

Harmonies

Analogous

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



177.8440, -50.7021, -24.4192



145.8890, -5.8613, -127.0677



155.8040, 23.2676, -136.6401

Triad

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



145.8890, -5.8613, -127.0677



159.9470, 46.8611, -97.3005



174.0940, -25.6823, 70.9546

Complementary

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



145.8890, -5.8613, -127.0677



77.1110, 5.8613, 127.0677

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.



174.3460, 5.7454, 70.7336



145.8890, -5.8613, -127.0677



192.8240, 30.6528, 15.0634

Square

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



145.8890, -5.8613, -127.0677



155.8620, 48.8750, -136.6910



189.6150, 31.2488, 57.3426



183.3140, -56.3568, 62.8686

Rectangle

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



145.8890, -5.8613, -127.0677



160.9340, 42.9235, -141.1391



189.6150, 31.2488, 57.3426



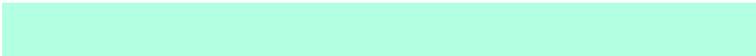
172.8520, -15.2100, 72.0438

Sweetspot

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



145.8890, -5.8613, -127.0677



228.8560, -1.9010, -43.7237



157.0390, -76.9272, -59.6702



112.0800, -1.5184, -26.3802



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.



145.8890, -5.8613, -127.0677



167.1270, -6.9646, -146.5704



143.0070, 38.9435, -124.5401



108.2550, -0.1257, -6.3626



115.3960, -4.6322, -101.2023



31.4820, -1.2236, -27.6097

Inverse Universe

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



77.1110, 5.8613, 127.0677



87.8730, 6.9646, 146.5704



79.9930, -38.9435, 124.5401



104.7450, 0.1257, 6.3626



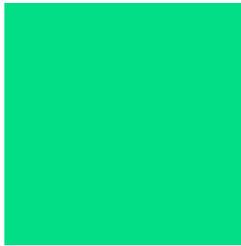
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 145.8890, -5.8613, -127.0677 looks on a white background.

Color Contrast Check

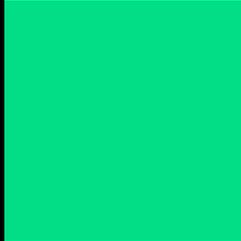
Large Text (above 18pt) WCAG AA × Fail

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 145.8890, -5.8613, -127.0677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

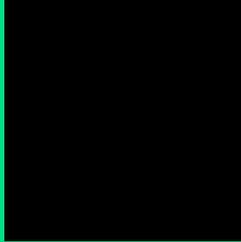
Any Text WCAG AA ✓ Pass

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 145.8890, -5.8613, -127.0677 Background



This preview shows how black text looks on a background with the YUV color 145.8890, -5.8613, -127.0677.



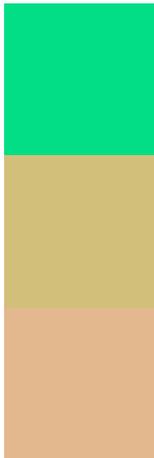
This preview shows how white text looks on a background with the YUV color 145.8890, -5.8613, -127.0677.

-127.0677.

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

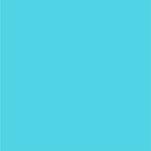
145.8890, -5.8613, -127.0677

Protanopia

189.4020, -33.2292, 18.0644

Deuteranopia

192.1830, -24.2472, 30.5345



Tritanopia

173.7690, 26.7359, -82.2354

Trichromacy



Original Color

145.8890, -5.8613, -127.0677



Protanomaly

173.5910, -23.4624, -34.7213



Deuteranomaly

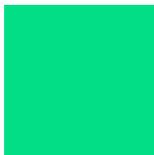
175.5410, -17.5217, -26.7845



Tritanomaly

163.5700, 15.0020, -98.7239

Monochromacy



Original Color

145.8890, -5.8613, -127.0677



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1330, -2.0376, -46.5976

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8890, -5.8613, -127.0677 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(1, 222, 134)` looks like.

```
.text, #text, p{  
    color:rgb(1, 222, 134)  
}
```

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(1, 222, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 222, 134) }
```

Border

The CSS property to change the border of an element to YUV 145.8890, -5.8613, -127.0677 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(1, 222, 134) }
```

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

```
.border{ border-color:rgb(1, 222, 134) }
```

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

Here you see how a box with a 4 pixel rgb(1, 222, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 222, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 222, 134);  
box-shadow:4px 4px 4px 4px rgb(1, 222,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 145.8890, -5.8613, -127.0677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 222, 134) }
```

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

```
.background{ background-color: rgb(1, 222,  
134) }
```

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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