

Converting Colors

YUV(157.8500, -3.3770,
-130.5414)

Have a look what the booklet for
YUV(157.8500, -3.3770, -130.5414)
contains.

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Color

**YUV(157.8500, -3.3770,
-130.5414)**

Conversions

Conversions Part 1

Format	Color
Hex	09EB97
RGB	9, 235, 151
RGB Percent	4%, 92%, 59%
CMY	0.9647, 0.0784, 0.4078
CMYK	0.96, 0.00, 0.36, 0.08
HSL	158°, 93%, 48%
HSV	158°, 96%, 92%
XYZ	35.4069, 61.7091, 39.3231
YIQ	157.8500, -107.7320, -74.0360

Conversions

Conversions Part 2

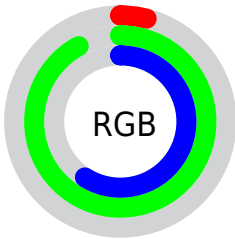
Format	Color
RYB	9, 148, 235
Decimal	650135
CIELab	82.76, -65.92, 27.85
CIELCh	83, 71.558, 157.099
Yxy	61.7091, 0.2595, 0.4523
Android (android.graphics.Color)	4278840215 (0xFF09EB97)
YUV	157.8500, -3.3770, -130.5414
Hunter-Lab	78.5551, -57.0168, 25.3093

Details

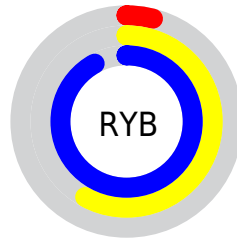
The YUV color **157.8500, -3.3770, -130.5414** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **86.1500, 3.3770, 130.5414**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3580, -0.1765, -83.6290**, and **115.7720, -8.2686, -101.5320** is the 20% darker color. If you saturate the color by 10%, you get **154.8170, -3.3608, -135.7745**, and if you desaturate by 10%, it is **165.7530, -2.8362, -117.3014**.

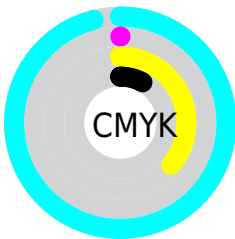
Distribution



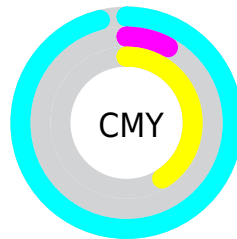
- Red (4%)
- Green (92%)
- Blue (59%)



- Red (4%)
- Yellow (58%)
- Blue (92%)



- Cyan (96%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (96%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8500, -3.3770, -130.5414 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 157.8500, -3.3770, -130.5414 by changing the saturation by 10% instead.


 157.8500, -3.3770,
-130.5414


 157.8500, -3.3770,
-130.5414

255.0000, 0.0000,
0.0000


 135.1720, -5.0148,
-118.5458


 206.3580, -0.1765,
-83.6290

 115.7720, -8.2686,
-101.5320

 219.7160, 7.0420,
-65.5259


 96.6000, -10.6488,
-84.7182


 231.6780, 11.4977,
-47.9526

 78.0150, -13.3184,
-68.4192

 241.2460, 6.7807,
-28.2797

 59.5440, -15.5512,
-52.2201

 250.8140, 2.0637,
-8.6069

 42.1330, -18.7996,
-36.9506

 27.5890, -13.6014,

-24.1956

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 157.8500, -3.3770,
-130.5414

■ 157.8500, -3.3770,
-130.5414

■ 154.8170, -3.3608,
-135.7745

■ 165.7530, -2.8362,
-117.3014

■ 173.8410, -2.8796,
-103.3466

■ 181.7440, -2.3388,
-90.1065

■ 189.9460, -1.9454,
-76.2516

■ 197.8490, -1.4046,
-63.0116

■ 205.9370, -1.4479,
-49.0567

■ 213.8400, -0.9071,
-35.8167

■ 222.0420, -0.5137,
-21.9618

■ 229.9450, 0.0271,
-8.7218

Harmonies

Analogous

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



189.2070, -47.9231, -29.1225



157.8500, -3.3770, -130.5414



165.4870, 27.3679, -145.1321

Triad

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



157.8500, -3.3770, -130.5414



180.1690, 36.8917, -72.9392



183.5830, -27.4024, 62.6327

Complementary

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



157.8500, -3.3770, -130.5414



86.1500, 3.3770, 130.5414

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.



182.7750, 5.0409, 63.3413



157.8500, -3.3770, -130.5414



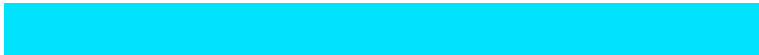
204.0870, 25.1001, 22.7257

Square

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



157.8500, -3.3770, -130.5414



162.3190, 45.6917, -142.3538



196.3000, 28.9391, 51.4799



193.1450, -56.7665, 54.2468

Rectangle

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



157.8500, -3.3770, -130.5414



168.7760, 42.5084, -148.0166



196.3000, 28.9391, 51.4799



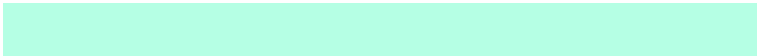
181.8680, -16.2039, 64.1368

Sweetspot

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



157.8500, -3.3770, -130.5414



229.7960, -0.8854, -42.7941



167.6750, -78.2268, -62.8590



112.6070, -0.7923, -25.9653



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

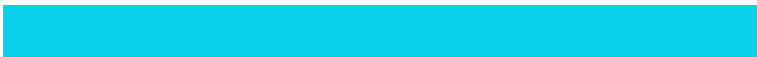
The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.8500, -3.3770, -130.5414



167.9250, -3.9070, -147.2702



152.1640, 40.8381, -125.5548



113.2550, -0.1257, -6.3626



119.2430, -2.5848, -104.5761



35.5740, -0.7760, -31.1984

Inverse Universe

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



86.1500, 3.3770, 130.5414



87.0750, 3.9070, 147.2702



91.8360, -40.8381, 125.5548



109.7450, 0.1257, 6.3626



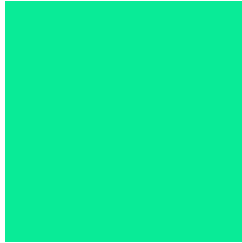
61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 157.8500, -3.3770, -130.5414 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 157.8500, -3.3770, -130.5414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

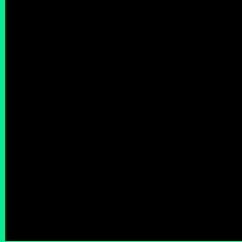
Any Text WCAG AA ✓ Pass

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 157.8500, -3.3770, -130.5414 Background



This preview shows how black text looks on a background with the YUV color 157.8500, -3.3770, -130.5414.



This preview shows how white text looks on a background with the YUV color 157.8500, -3.3770, -130.5414.

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

157.8500, -3.3770, -130.5414

Protanopia

201.5590, -31.3346, 17.0498

Deuteranopia

204.7530, -22.0632, 30.0346



Tritanopia

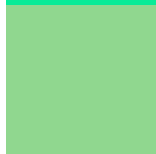
183.8930, 28.6468, -88.4832

Trichromacy



Original Color

157.8500, -3.3770, -130.5414



Protanomaly

185.5630, -20.9836, -36.4508



Deuteranomaly

187.5130, -15.0429, -28.5139



Tritanomaly

174.4060, 17.0548, -103.8421

Monochromacy



Original Color

157.8500, -3.3770, -130.5414



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.9480, -1.4534, -47.3124

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8500, -3.3770, -130.5414 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(9, 235, 151)` looks like.

```
.text, #text, p{  
    color:rgb(9, 235, 151)  
}
```

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(9, 235, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 235, 151) }
```

Border

The CSS property to change the border of an element to YUV 157.8500, -3.3770, -130.5414 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(9, 235, 151) }
```


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

```
.border{ border-color:rgb(9, 235, 151) }
```

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

Here you see how a box with a 4 pixel rgb(9, 235, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 235, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 235, 151);  
box-shadow:4px 4px 4px 4px rgb(9, 235,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 157.8500, -3.3770, -130.5414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 235, 151) }
```

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

```
.background{ background-color: rgb(9, 235,  
151) }
```

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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