

# Converting Colors

YUV(157.9510, -9.8358,  
-112.2130)

Have a look what the booklet for  
YUV(157.9510, -9.8358, -112.2130)  
contains.

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# Color

**YUV(157.9510, -9.8358,  
-112.2130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EE38A
RGB	30, 227, 138
RGB Percent	12%, 89%, 54%
CMY	0.8824, 0.1098, 0.4588
CMYK	0.87, 0.00, 0.39, 0.11
HSL	153°, 78%, 50%
HSV	153°, 87%, 89%
XYZ	32.5920, 57.0492, 33.3386
YIQ	157.9510, -88.8430, -69.4430

# Conversions

## Conversions Part 2

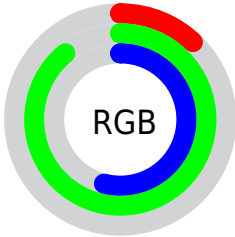
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 157, 227
Decimal	2024330
CIELab	80.21, -64.72, 31.07
CIELCh	80, 71.792, 154.353
Yxy	57.0492, 0.2650, 0.4639
Android (android.graphics.Color)	4280214410 (0xFF1EE38A)
YUV	157.9510, -9.8358, -112.2130
Hunter-Lab	75.5309, -55.1555, 26.7016

# Details

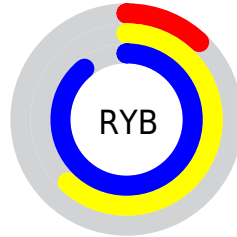
The YUV color **157.9510, -9.8358, -112.2130** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **99.0490, 9.8358, 112.2130**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9580, -6.8813, -79.7702**, and **109.7080, -11.1950, -96.2139** is the 20% darker color. If you saturate the color by 10%, you get **149.9340, -10.8135, -125.3531**, and if you desaturate by 10%, it is **165.9680, -8.8582, -99.0729**.

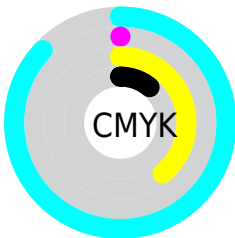
# Distribution



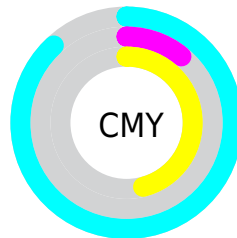
- Red (12%)
- Green (89%)
- Blue (54%)



- Red (12%)
- Yellow (62%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)




- Cyan (88%)
- Magenta (11%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 157.9510, -9.8358, -112.2130 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 157.9510, -9.8358, -112.2130 by changing the saturation by 10% instead.




 157.9510, -9.8358,  
-112.2130

 157.9510, -9.8358,  
-112.2130


255.0000, 0.0000,  
0.0000

 128.9940, -8.3780,  
-113.1277


 205.9580, -6.8813,  
-79.7702

 109.7080,  
-11.1950, -96.2139

 218.7180, 0.6320,  
-62.8967


 91.1230, -13.8646,  
-79.9149


 231.5920, 8.5821,  
-46.1232

 72.5380, -16.5342,  
-63.6158

 241.5450, 6.6333,  
-27.6650

 54.5400, -19.4932,  
-47.8316

 250.8140, 2.0637,  
-8.6069

 37.5680, -18.5210,  
-32.9471

 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,  
-0.5148

■ 0.0000, 0.0000,  
0.0000

■ 157.9510, -9.8358,  
-112.2130

■ 157.9510, -9.8358,  
-112.2130

■ 149.9340,  
-10.8135, -125.3531

■ 165.9680, -8.8582,  
-99.0729

■ 147.3850,  
-11.5288, -129.2566

■ 173.8000, -7.2964,  
-86.6476

■ 181.8170, -6.3188,  
-73.5075

■ 189.8340, -5.3412,  
-60.3674

■ 197.8510, -4.3635,  
-47.2273

■ 205.6830, -2.8017,  
-34.8020

■ 213.7000, -1.8241,  
-21.6619

■ 221.7170, -0.8465,  
-8.5218

■ 229.4350, 0.2785,  
4.0035

# Harmonies

## Analogous

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



183.1430, -50.8495, -23.8044



157.9510, -9.8358, -112.2130



159.1950, 23.5679, -139.6140

# Triad

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



157.9510, -9.8358, -112.2130



165.5730, 44.0875, -94.3415



177.5990, -24.9453, 67.8807

# Complementary

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



157.9510, -9.8358, -112.2130



99.0490, 9.8358, 112.2130

# 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.



177.9650, 6.9193, 67.5597



157.9510, -9.8358, -112.2130



196.9550, 28.6162, 14.9485

# Square

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



157.9510, -9.8358, -112.2130



158.7970, 47.4281, -139.2650



192.7780, 30.6754, 54.5687



186.9330, -55.1830, 59.6948



# Rectangle

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



157.9510, -9.8358, -112.2130



164.3250, 43.2238, -144.1130



192.7780, 30.6754, 54.5687



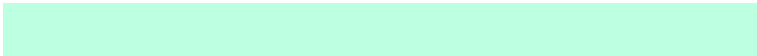
176.4710, -14.0362, 68.8699

# Sweetspot

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



157.9510, -9.8358, -112.2130



231.8460, -3.3751, -37.5759



173.1470, -70.5715, -44.8559



113.9880, -1.9661, -22.7915



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.



157.9510, -9.8358, -112.2130



165.6450, -12.6430, -145.2707



163.9880, 31.0649, -117.5075



110.8420, -0.4151, -6.8774



116.2450, -8.9948, -101.9469



33.1290, -2.5286, -29.0541



# Inverse Universe

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



99.0490, 9.8358, 112.2130



89.3550, 12.6430, 145.2707



93.0120, -31.0649, 117.5075



107.1580, 0.4151, 6.8774



62.7550, 8.9948, 101.9469



17.8710, 2.5286, 29.0541



# Previews

## White Background



This preview shows how the YUV color 157.9510, -9.8358, -112.2130 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 157.9510, -9.8358, -112.2130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

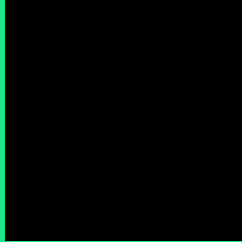
Any Text WCAG AA ✓ Pass

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 157.9510, -9.8358, -112.2130 Background



This preview shows how black text looks on a background with the YUV color 157.9510, -9.8358, -112.2130.



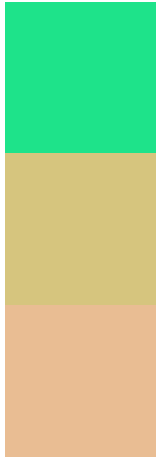
This preview shows how white text looks on a background with the YUV color 157.9510, -9.8358, -112.2130.



# 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

157.9510, -9.8358, -112.2130

### Protanopia

193.9890, -33.5186, 17.5496

### Deuteranopia

197.3680, -24.8314, 31.2493



## Tritanopia

179.0680, 26.5885, -81.6206

# Trichromacy



## Original Color

157.9510, -9.8358, -112.2130



## Protanomaly

180.8690, -25.0784, -29.7031



## Deuteranomaly

183.1180, -19.2852, -21.1515



## Tritanomaly

171.4460, 13.0911, -92.4761

# Monochromacy



## Original Color

157.9510, -9.8358, -112.2130



## Achromatopsia

158.0000, 0.0000, 0.0000



## Achromatomaly

157.8240, -3.3642, -41.0646

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.9510, -9.8358, -112.2130 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(30, 227, 138)` looks like.

```
.text, #text, p{  
    color:rgb(30, 227, 138)  
}
```

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(30, 227, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 227, 138) }
```

## Border

The CSS property to change the border of an element to YUV 157.9510, -9.8358, -112.2130 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(30, 227, 138) }
```



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

```
.border{ border-color:rgb(30, 227, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 227, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 227, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 227, 138);  
box-shadow:4px 4px 4px 4px rgb(30, 227,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 157.9510, -9.8358, -112.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 227, 138) }
```

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

```
.background{ background-color: rgb(30, 227,  
138) }
```

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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