

Converting Colors

YUV(157.4250, -15.4925,
-117.8907)

Have a look what the booklet for
YUV(157.4250, -15.4925, -117.8907)
contains.

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Color

**YUV(157.4250, -15.4925,
-117.8907)**

Conversions

Conversions Part 1

Format	Color
Hex	17E87E
RGB	23, 232, 126
RGB Percent	9%, 91%, 49%
CMY	0.9098, 0.0902, 0.5059
CMYK	0.90, 0.00, 0.46, 0.09
HSL	150°, 82%, 50%
HSV	150°, 90%, 91%
XYZ	32.9759, 59.4017, 29.4663
YIQ	157.4250, -90.5380, -77.2740

Conversions

Conversions Part 2

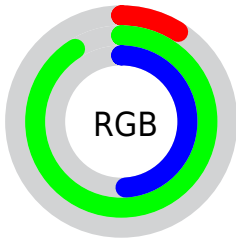
Format	Color
R_{YB}	23, 163, 232
Decimal	1566846
CIE _{Lab}	81.51, -68.97, 38.76
CIE _{LCh}	82, 79.118, 150.667
Yxy	59.4017, 0.2706, 0.4875
Android (android.graphics.Color)	4279756926 (0xFF17E87E)
YUV	157.4250, -15.4925, -117.8907
Hunter-Lab	77.0725, -58.5048, 31.2830

Details

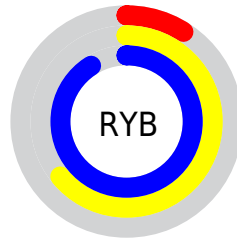
The YUV color **157.4250, -15.4925, -117.8907** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **97.5750, 15.4925, 117.8907**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2910, -11.9755, -79.1852**, and **111.2750, -17.8836, -97.5882** is the 20% darker color. If you saturate the color by 10%, you get **149.1800, -17.3437, -130.8309**, and if you desaturate by 10%, it is **165.6700, -13.6413, -104.9506**.

Distribution



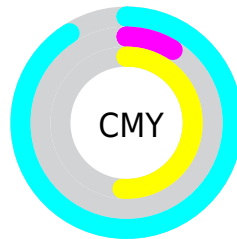
- Red (9%)
- Green (91%)
- Blue (49%)



- Red (9%)
- Yellow (64%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4250, -15.4925, -117.8907 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 157.4250, -15.4925, -117.8907 by changing the saturation by 10% instead.

■ 157.4250,
-15.4925, -117.8907

■ 157.4250,
-15.4925, -117.8907

■ 255.0000, 0.0000,
0.0000

■ 130.5610,
-15.0666, -114.5020

■ 204.2910,
-11.9755, -79.1852

■ 111.2750,
-17.8836, -97.5882

■ 217.3500, -4.6095,
-61.6969

■ 91.9890, -20.7006,
-80.6744

■ 230.2240, 3.3406,
-44.9234

■ 73.1760, -24.2438,
-64.1754

■ 241.5450, 6.6333,
-27.6650

■ 55.1780, -27.2028,
-48.3911

■ 251.1130, 1.9163,
-7.9921

■ 39.9160, -19.6786,
-35.0063

■ 25.8280, -12.7332,

-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 157.4250,
-15.4925, -117.8907

■ 157.4250,
-15.4925, -117.8907

■ 149.1800,
-17.3437, -130.8309


■ 165.6700,
-13.6413, -104.9506


■ 173.9150,
-11.7901, -92.0105


■ 182.3450,
-10.5231, -78.3556


■ 190.5900, -8.6719,
-65.4154

 198.8350, -6.8207,
-52.4753

 207.0800, -4.9694,
-39.5352

 215.2110, -3.5550,
-26.4950

 223.7550, -1.8512,
-12.9401

 232.0000, 0.0000,
0.0000

Harmonies

Analogous

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



185.1300, -61.1961, -18.5310



157.4250, -15.4925, -117.8907



162.1470, 19.6475, -142.2029

Triad

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



157.4250, -15.4925, -117.8907



152.9270, 50.3220, -134.1170



173.9460, -21.1724, 71.0844

Complementary

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



157.4250, -15.4925, -117.8907



97.5750, 15.4925, 117.8907

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.



175.8110, 13.8972, 69.4488



157.4250, -15.4925, -117.8907



196.9000, 28.6433, 6.2267

Square

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



157.4250, -15.4925, -117.8907



163.4930, 45.1130, -143.3834



192.7780, 30.6754, 54.5687



184.4880, -56.9356, 61.8390

Rectangle

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



157.4250, -15.4925, -117.8907



167.9610, 41.9242, -147.3018



192.7780, 30.6754, 54.5687



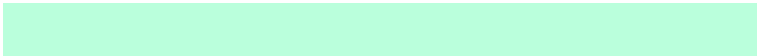
172.5730, -8.6635, 72.2885

Sweetspot

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



157.4250, -15.4925, -117.8907



230.3790, -5.1168, -38.9204



177.9750, -76.4027, -41.1971



113.3470, -3.1291, -23.1063



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.



157.4250, -15.4925, -117.8907



164.0490, -18.7582, -143.8710



169.1670, 29.4977, -128.1885



110.7280, -0.8519, -6.7775



115.1050, -13.3628, -100.9471



32.7870, -3.8390, -28.7542

Inverse Universe

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



97.5750, 15.4925, 117.8907



90.9510, 18.7582, 143.8710



85.8330, -29.4977, 128.1885



107.2720, 0.8519, 6.7775



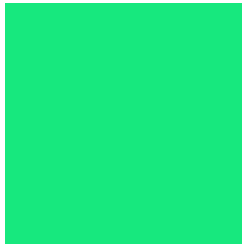
63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 157.4250, -15.4925, -117.8907 looks on a white background.

Color Contrast Check

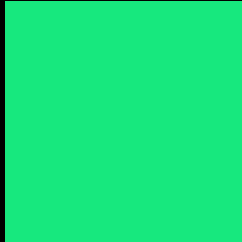
Large Text (above 18pt) WCAG AA × Fail

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 157.4250, -15.4925, -117.8907 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

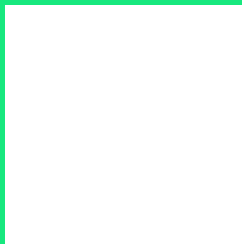
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.4250, -15.4925, -117.8907 Background



This preview shows how black text looks on a background with the YUV color 157.4250, -15.4925, -117.8907.

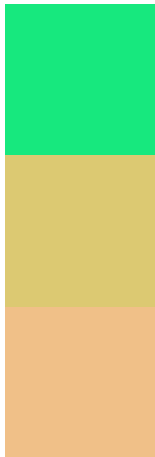


This preview shows how white text looks on a background with the YUV color 157.4250, -15.4925, -117.8907.

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

157.4250, -15.4925, -117.8907

Protanopia

196.7630, -40.8022, 20.3788

Deuteranopia

199.9680, -31.5362, 35.1081



Tritanopia

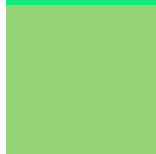
182.1820, 27.0253, -81.7206

Trichromacy



Original Color

157.4250, -15.4925, -117.8907



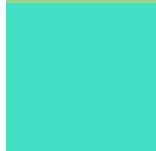
Protanomaly

182.1480, -31.6250, -29.9478



Deuteranomaly

184.6960, -25.9791, -20.7814



Tritanomaly

173.3810, 11.6442, -95.0501

Monochromacy



Original Color

157.4250, -15.4925, -117.8907



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.9440, -5.3954, -42.9239

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4250, -15.4925, -117.8907 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(23, 232, 126)` looks like.

```
.text, #text, p{  
    color:rgb(23, 232, 126)  
}
```

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(23, 232, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 232, 126) }
```

Border

The CSS property to change the border of an element to YUV 157.4250, -15.4925, -117.8907 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(23, 232, 126) }
```


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

```
.border{ border-color:rgb(23, 232, 126) }
```

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

Here you see how a box with a 4 pixel rgb(23, 232, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 232, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 232, 126);  
box-shadow:4px 4px 4px 4px rgb(23, 232,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 157.4250, -15.4925, -117.8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 232, 126) }
```

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

```
.background{ background-color: rgb(23, 232,  
126) }
```

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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