

Converting Colors

YUV(157.8470, -8.7986,
-118.2608)

Have a look what the booklet for
YUV(157.8470, -8.7986, -118.2608)
contains.

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Color

**YUV(157.8470, -8.7986,
-118.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	17E68C
RGB	23, 230, 140
RGB Percent	9%, 90%, 55%
CMY	0.9098, 0.0980, 0.4510
CMYK	0.90, 0.00, 0.39, 0.10
HSL	154°, 82%, 50%
HSV	154°, 90%, 90%
XYZ	33.3838, 58.6692, 34.3757
YIQ	157.8470, -94.4820, -71.8740

Conversions

Conversions Part 2

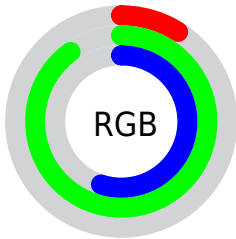
Format	Color
R_{YB}	23, 155, 230
Decimal	1566348
CIE _{Lab}	81.11, -65.80, 31.25
CIE _{LCh}	81, 72.839, 154.598
Yxy	58.6692, 0.2641, 0.4640
Android (android.graphics.Color)	4279756428 (0xFF17E68C)
YUV	157.8470, -8.7986, -118.2608
Hunter-Lab	76.5958, -56.2447, 27.0081

Details

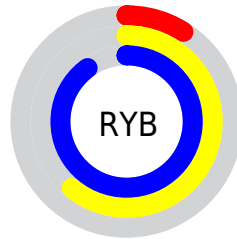
The YUV color **157.8470, -8.7986, -118.2608** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **95.1530, 8.7986, 118.2608**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5880, -5.7129, -81.1997**, and **111.6970, -11.1896, -97.9583** is the 20% darker color. If you saturate the color by 10%, you get **149.8300, -9.7762, -131.4009**, and if you desaturate by 10%, it is **165.8640, -7.8210, -105.1207**.

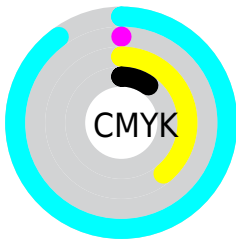
Distribution



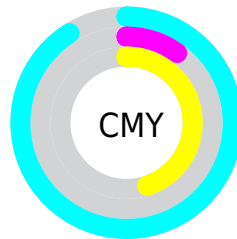
- Red (9%)
- Green (90%)
- Blue (55%)



- Red (9%)
- Yellow (61%)
- Blue (90%)



- Cyan (90%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)



- Cyan (91%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8470, -8.7986, -118.2608 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 157.8470, -8.7986, -118.2608 by changing the saturation by 10% instead.

■ 157.8470, -8.7986,
-118.2608

■ 157.8470, -8.7986,
-118.2608

■ 255.0000, 0.0000,
0.0000

■ 130.9830, -8.3726,
-114.8721

■ 205.5880, -5.7129,
-81.1997

■ 111.6970,
-11.1896, -97.9583

■ 218.6470, 1.6530,
-63.7114

■ 92.4110, -14.0066,
-81.0444

■ 231.5210, 9.6031,
-46.9379

■ 73.9400, -16.2394,
-64.8454

■ 241.2460, 6.7807,
-28.2797

■ 55.8280, -19.6352,
-48.9612

■ 250.8140, 2.0637,
-8.6069

■ 39.3290, -19.3892,
-34.4915

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 157.8470, -8.7986,
-118.2608

■ 157.8470, -8.7986,
-118.2608

■ 149.8300, -9.7762,
-131.4009


■ 165.8640, -7.8210,
-105.1207

■ 173.8810, -6.8433,
-91.9806

■ 181.8980, -5.8657,
-78.8405


■ 189.9150, -4.8881,
-65.7005

 197.9320, -3.9105,
-52.5604

 205.9490, -2.9329,
-39.4203

 213.9660, -1.9552,
-26.2802

 221.9830, -0.9776,
-13.1401

 230.0000, 0.0000,
0.0000

Harmonies

Analogous

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



185.3170, -51.4283, -24.8340



157.8470, -8.7986, -118.2608



161.2980, 24.0101, -141.4583

Triad

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



157.8470, -8.7986, -118.2608



167.6330, 43.0719, -95.2711



178.8870, -25.0873, 66.7511

Complementary

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



157.8470, -8.7986, -118.2608



95.1530, 8.7986, 118.2608

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.



178.7800, 7.5035, 66.8449



157.8470, -8.7986, -118.2608



199.3250, 27.4478, 16.3780

Square

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



157.8470, -8.7986, -118.2608



160.5580, 46.5599, -140.8094



193.9520, 30.0967, 53.5391



188.1070, -55.7618, 58.6652

Rectangle

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



157.8470, -8.7986, -118.2608



166.4280, 43.6660, -145.9574



193.9520, 30.0967, 53.5391



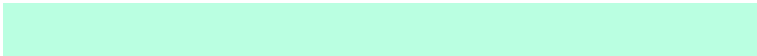
177.1720, -13.8888, 68.2552

Sweetspot

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



157.8470, -8.7986, -118.2608



230.9490, -2.9329, -39.4203



172.3160, -73.6128, -49.3891



113.6890, -1.8187, -23.4063



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.



157.8470, -8.7986, -118.2608



166.1010, -10.8958, -145.6706



162.2370, 33.4072, -122.1108



110.8420, -0.4151, -6.8774



116.5870, -7.6844, -102.2468



33.2430, -2.0918, -29.1541

Inverse Universe

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



95.1530, 8.7986, 118.2608



88.8990, 10.8958, 145.6706



90.7630, -33.4072, 122.1108



107.1580, 0.4151, 6.8774



62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 157.8470, -8.7986, -118.2608 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 157.8470, -8.7986, -118.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

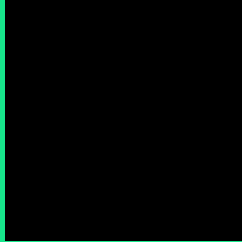
Any Text WCAG AA ✓ Pass

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 157.8470, -8.7986, -118.2608 Background



This preview shows how black text looks on a background with the YUV color 157.8470, -8.7986, -118.2608.



This preview shows how white text looks on a background with the YUV color 157.8470, -8.7986, -118.2608.

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

157.8470, -8.7986, -118.2608

Protanopia

196.8750, -33.9554, 17.6496

Deuteranopia

199.3680, -24.8314, 31.2493



Tritanopia

180.8720, 27.1781, -84.0797

Trichromacy



Original Color

157.8470, -8.7986, -118.2608



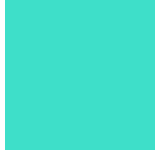
Protanomaly

182.5590, -24.9256, -32.0622



Deuteranomaly

184.2210, -18.8430, -22.9958



Tritanomaly

172.3530, 14.1230, -96.7796

Monochromacy



Original Color

157.8470, -8.7986, -118.2608



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8130, -3.3588, -42.8090

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8470, -8.7986, -118.2608 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, 230, 140)` looks like.

```
.text, #text, p{  
    color:rgb(23, 230, 140)  
}
```

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, 230, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 230, 140) }
```

Border

The CSS property to change the border of an element to YUV 157.8470, -8.7986, -118.2608 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, 230, 140) }
```


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

```
.border{ border-color:rgb(23, 230, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 230, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 230, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 230, 140);  
box-shadow:4px 4px 4px 4px rgb(23, 230,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 157.8470, -8.7986, -118.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 230, 140) }
```

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

```
.background{ background-color: rgb(23, 230,  
140) }
```

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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