

Converting Colors

YUV(154.9750, -2.9457,
-128.8971)

Have a look what the booklet for
YUV(154.9750, -2.9457, -128.8971)
contains.

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Color

**YUV(154.9750, -2.9457,
-128.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	08E795
RGB	8, 231, 149
RGB Percent	3%, 91%, 58%
CMY	0.9686, 0.0941, 0.4157
CMYK	0.97, 0.00, 0.35, 0.09
HSL	158°, 93%, 47%
HSV	158°, 97%, 91%
XYZ	34.1009, 59.3734, 38.0967
YIQ	154.9750, -106.5860, -72.7780

Conversions

Conversions Part 2

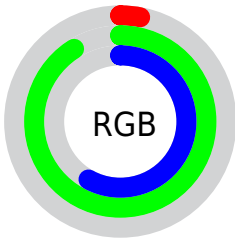
Format	Color
RYB	8, 145, 231
Decimal	583573
CIELab	81.50, -64.96, 27.17
CIELCh	81, 70.408, 157.304
Yxy	59.3734, 0.2592, 0.4513
Android (android.graphics.Color)	4278773653 (0xFF08E795)
YUV	154.9750, -2.9457, -128.8971
Hunter-Lab	77.0541, -55.8482, 24.6240

Details

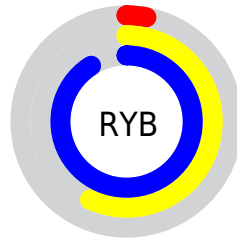
The YUV color **154.9750, -2.9457, -128.8971** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **84.0250, 2.9457, 128.8971**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8310, -0.9027, -84.0438**, and **113.3100, -7.5478, -99.3729** is the 20% darker color. If you saturate the color by 10%, you get **152.2410, -3.0768, -133.5154**, and if you desaturate by 10%, it is **162.7640, -2.8417, -115.5570**.

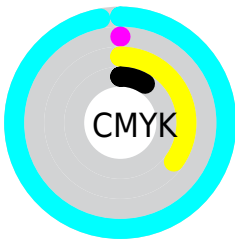
Distribution



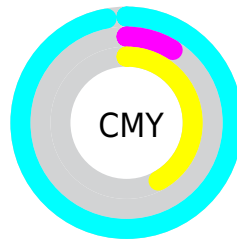
- Red (3%)
- Green (91%)
- Blue (58%)



- Red (3%)
- Yellow (57%)
- Blue (91%)



- Cyan (97%)
- Magenta (0%)
- Yellow (35%)
- Black (9%)



- Cyan (97%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9750, -2.9457, -128.8971 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 154.9750, -2.9457, -128.8971 by changing the saturation by 10% instead.

■ 154.9750, -2.9457,
-128.8971

■ 154.9750, -2.9457,
-128.8971

255.0000, 0.0000,
0.0000

■ 132.5960, -4.7308,
-116.2867

■ 205.8310, -0.9027,
-84.0438

■ 113.3100, -7.5478,
-99.3729

■ 219.1890, 6.3158,
-65.9408

■ 94.0240, -10.3648,
-82.4590

■ 231.3790, 11.6452,
-48.5674

■ 75.5530, -12.5976,
-66.2600

■ 240.6480, 7.0755,
-29.5093

■ 57.6690, -15.1198,
-50.5757

■ 250.2160, 2.3585,
-9.8364

■ 40.2580, -18.3682,
-35.3063

■ 25.8280, -12.7332,

-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 154.9750, -2.9457,
-128.8971

■ 154.9750, -2.9457,
-128.8971

■ 152.2410, -3.0768,
-133.5154

■ 162.7640, -2.8417,
-115.5570

■ 170.6670, -2.3008,
-102.3170

■ 178.4560, -2.1968,
-88.9769

■ 186.3590, -1.6560,
-75.7368

■ 194.4470, -1.6994,
-61.7820

■ 202.3500, -1.1585,
-48.5419

■ 210.1390, -1.0545,
-35.2019

■ 218.0420, -0.5137,
-21.9618

■ 225.8310, -0.4097,
-8.6218

Harmonies

Analogous

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



185.8480, -46.7601, -28.8077



154.9750, -2.9457, -128.8971



162.6830, 26.7783, -142.6730

Triad

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



154.9750, -2.9457, -128.8971



178.7070, 37.6124, -70.7800



181.5940, -27.4078, 64.3771

Complementary

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



154.9750, -2.9457, -128.8971



84.0250, 2.9457, 128.8971

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.



181.1450, 3.8725, 64.7708



154.9750, -2.9457, -128.8971



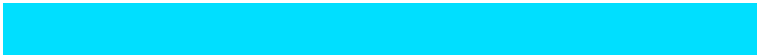
201.4290, 26.4105, 22.4258

Square

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



154.9750, -2.9457, -128.8971



159.9710, 46.8493, -140.2946



194.5390, 29.8073, 53.0243



191.2700, -56.3351, 55.8912

Rectangle

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



154.9750, -2.9457, -128.8971



166.4280, 43.6660, -145.9574



194.5390, 29.8073, 53.0243



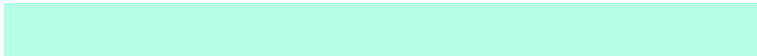
180.3520, -16.9355, 65.4663

Sweetspot

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



154.9750, -2.9457, -128.8971



229.7960, -0.8854, -42.7941



164.3160, -77.0638, -62.5441



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.



154.9750, -2.9457, -128.8971



168.0390, -3.4702, -147.3702



149.0610, 40.3959, -123.7105



110.9560, 0.0217, -6.9774



117.9550, -2.4428, -103.4465



33.5850, -0.7814, -29.4540

Inverse Universe

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



84.0250, 2.9457, 128.8971



86.9610, 3.4702, 147.3702



89.9390, -40.3959, 123.7105



107.0440, -0.0217, 6.9774



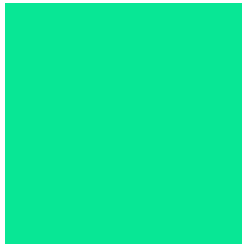
61.0450, 2.4428, 103.4465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 154.9750, -2.9457, -128.8971 looks on a white background.

Color Contrast Check

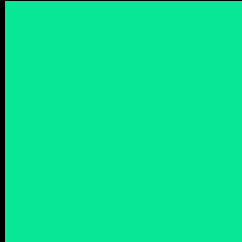
Large Text (above 18pt) WCAG AA × Fail

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 154.9750, -2.9457, -128.8971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

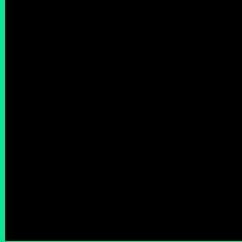
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

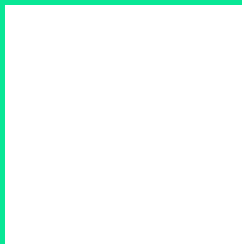
Any Text WCAG AAA ✓ Pass

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

YUV 154.9750, -2.9457, -128.8971 Background



This preview shows how black text looks on a background with the YUV color 154.9750, -2.9457, -128.8971.

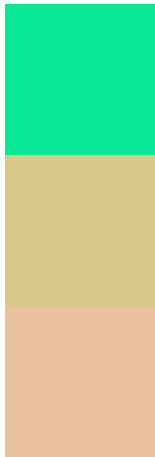


This preview shows how white text looks on a background with the YUV color 154.9750, -2.9457, -128.8971.

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

154.9750, -2.9457, -128.8971

Protanopia

198.3740, -30.7504, 16.3350

Deuteranopia

201.2690, -21.3316, 28.7051



Tritanopia

180.4910, 28.3519, -87.2536

Trichromacy



Original Color

154.9750, -2.9457, -128.8971



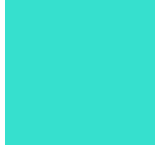
Protanomaly

182.6770, -20.5468, -36.5507



Deuteranomaly

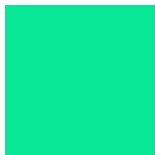
184.6270, -14.6061, -28.6139



Tritanomaly

171.1180, 17.1968, -102.7125

Monochromacy



Original Color

154.9750, -2.9457, -128.8971



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.3610, -1.1640, -46.7976

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9750, -2.9457, -128.8971 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(8, 231, 149)` looks like.

```
.text, #text, p{  
    color:rgb(8, 231, 149)  
}
```

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(8, 231, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 231, 149) }
```

Border

The CSS property to change the border of an element to YUV 154.9750, -2.9457, -128.8971 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(8, 231, 149) }
```


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

```
.border{ border-color:rgb(8, 231, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 231, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 231, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 231, 149);  
box-shadow:4px 4px 4px 4px rgb(8, 231,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 154.9750, -2.9457, -128.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 231, 149) }
```

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

```
.background{ background-color: rgb(8, 231,  
149) }
```

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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