

Converting Colors

YUV(152.2750, -8.0236,
-133.5452)

Have a look what the booklet for
YUV(152.2750, -8.0236, -133.5452)
contains.

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Color

**YUV(152.2750, -8.0236,
-133.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	00E988
RGB	0, 233, 136
RGB Percent	0%, 91%, 53%
CMY	1.0000, 0.0863, 0.4667
CMYK	1.00, 0.00, 0.42, 0.09
HSL	155°, 100%, 46%
HSV	155°, 100%, 91%
XYZ	33.5828, 60.0554, 33.1144
YIQ	152.2750, -107.7310, -79.5630

Conversions

Conversions Part 2

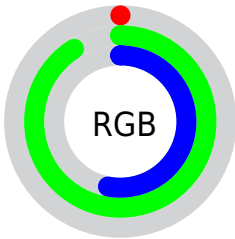
Format	Color
RYB	0, 147, 233
Decimal	59784
CIELab	81.87, -68.37, 34.24
CIELCh	82, 76.463, 153.397
Yxy	60.0554, 0.2649, 0.4738
Android (android.graphics.Color)	4278249864 (0xFF00E988)
YUV	152.2750, -8.0236, -133.5452
Hunter-Lab	77.4954, -58.2635, 28.9117

Details

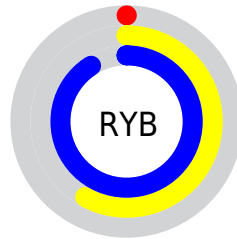
The YUV color **152.2750, -8.0236, -133.5452** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **80.7250, 8.0236, 133.5452**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9360, -6.8704, -83.2589**, and **113.0020, -13.8050, -99.1028** is the 20% darker color. If you saturate the color by 10%, you get **152.2750, -8.0236, -133.5452**, and if you desaturate by 10%, it is **160.2920, -7.0460, -120.4051**.

Distribution



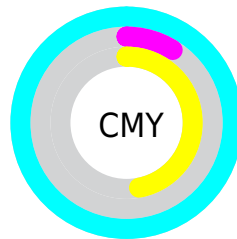
- Red (0%)
- Green (91%)
- Blue (53%)



- Red (0%)
- Yellow (58%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2750, -8.0236, -133.5452 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 152.2750, -8.0236, -133.5452 by changing the saturation by 10% instead.

■ 152.2750, -8.0236,
-133.5452

■ 152.2750, -8.0236,
-133.5452

■ 255.0000, 0.0000,
0.0000

■ 132.2880,
-10.9880, -116.0166

■ 203.9360, -6.8704,
-83.2589

■ 113.0020,
-13.8050, -99.1028

■ 217.2940, 0.3481,
-65.1558

■ 93.7160, -16.6220,
-82.1889

■ 230.4670, 8.1508,
-47.7676

■ 75.1310, -19.2916,
-65.8899

■ 240.6480, 7.0755,
-29.5093

■ 56.3180, -22.8348,
-49.3909

■ 250.2160, 2.3585,
-9.8364

■ 40.5030, -19.9680,
-35.5211

■ 26.4150, -13.0226,

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 152.2750, -8.0236,
-133.5452

■ 160.2920, -7.0460,
-120.4051

■ 168.4940, -6.6525,
-106.5502

■ 176.5110, -5.6749,
-93.4101

■ 184.5280, -4.6973,
-80.2701

■ 192.8440, -3.8671,
-66.5152

■ 200.7470, -3.3263,
-53.2751

■ 208.7640, -2.3487,
-40.1350

■ 216.7810, -1.3710,
-26.9949

■ 224.9830, -0.9776,
-13.1401

Harmonies

Analogous

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



186.1770, -55.7963, -23.8342



152.2750, -8.0236, -133.5452



163.6460, 22.8525, -143.5175

Triad

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



152.2750, -8.0236, -133.5452



151.7530, 50.9008, -133.0874



177.2400, -23.7823, 68.1955

Complementary

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



152.2750, -8.0236, -133.5452



80.7250, 8.0236, 133.5452

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.



178.0620, 9.8294, 67.4746



152.2750, -8.0236, -133.5452



199.9010, 27.1638, 14.1188

Square

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



152.2750, -8.0236, -133.5452



162.9060, 45.4023, -142.8686



193.3650, 30.3861, 54.0539



187.6510, -57.5089, 59.0651

Rectangle

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



152.2750, -8.0236, -133.5452



168.1890, 42.7978, -147.5018



193.3650, 30.3861, 54.0539



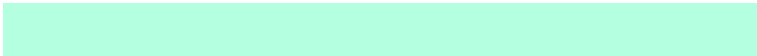
175.6390, -12.1470, 69.5996

Sweetspot

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



152.2750, -8.0236, -133.5452



228.6280, -2.7746, -43.5238



165.7740, -81.7266, -60.3148



111.9660, -1.9552, -26.2802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

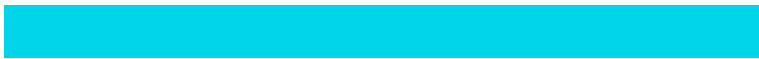
The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.2750, -8.0236, -133.5452



166.6710, -8.7118, -146.1705



152.1800, 39.8443, -133.4619



113.1410, -0.5625, -6.2627



118.3310, -6.0792, -103.7763



35.2320, -2.0864, -30.8985

Inverse Universe

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



80.7250, 8.0236, 133.5452



88.3290, 8.7118, 146.1705



80.8200, -39.8443, 133.4619



109.7450, 0.1257, 6.3626



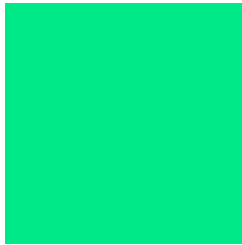
62.6690, 6.0792, 103.7763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 152.2750, -8.0236, -133.5452 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 152.2750, -8.0236, -133.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

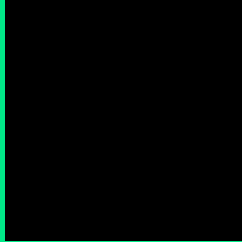
Any Text WCAG AA ✓ Pass

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 152.2750, -8.0236, -133.5452 Background



This preview shows how black text looks on a background with the YUV color 152.2750, -8.0236, -133.5452.



This preview shows how white text looks on a background with the YUV color 152.2750, -8.0236, -133.5452.

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



Protanopia

198.4900, -36.7236, 18.8643

Deuteranopia

201.2820, -27.7470, 33.0787

Tritanopia

182.3880, 27.9097, -85.4093

Trichromacy



Protanomaly

181.4830, -26.3671, -36.3806

Deuteranomaly

183.7320, -20.5739, -27.8290

Tritanomaly

171.2490, 15.1602, -102.8274

Monochromacy



Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8940, -2.9057, -48.1420

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2750, -8.0236, -133.5452 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(0, 233, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 233, 136)  
}
```

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(0, 233, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 233, 136) }
```

Border

The CSS property to change the border of an element to YUV 152.2750, -8.0236, -133.5452 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(0, 233, 136) }
```

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

```
.border{ border-color:rgb(0, 233, 136) }
```

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

Here you see how a box with a 4 pixel rgb(0, 233, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 233, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 233, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 233,  
136) }
```


Background

The CSS property to change the background color of an element to YUV 152.2750, -8.0236, -133.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 233, 136) }
```

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

```
.background{ background-color: rgb(0, 233,  
136) }
```

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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