

Converting Colors

YUV(151.5570, -5.6976,
-132.9155)

Have a look what the booklet for
YUV(151.5570, -5.6976, -132.9155)
contains.

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Color

**YUV(151.5570, -5.6976,
-132.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	00E78C
RGB	0, 231, 140
RGB Percent	0%, 91%, 55%
CMY	1.0000, 0.0941, 0.4510
CMYK	1.00, 0.00, 0.39, 0.09
HSL	156°, 100%, 45%
HSV	156°, 100%, 91%
XYZ	33.3095, 59.0453, 34.4522
YIQ	151.5570, -108.4650, -77.2730

Conversions

Conversions Part 2

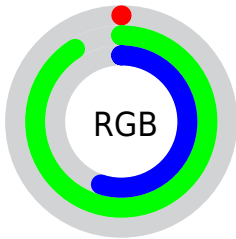
Format	Color
RYB	0, 144, 231
Decimal	59276
CIELab	81.32, -66.95, 31.50
CIELCh	81, 73.991, 154.802
Yxy	59.0453, 0.2627, 0.4656
Android (android.graphics.Color)	4278249356 (0xFF00E78C)
YUV	151.5570, -5.6976, -132.9155
Hunter-Lab	76.8409, -57.0942, 27.2055

Details

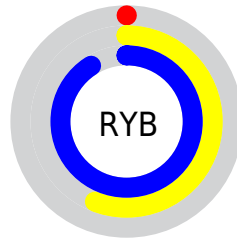
The YUV color **151.5570, -5.6976, -132.9155** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **79.4430, 5.6976, 132.9155**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3920, -5.1233, -83.6588**, and **112.2840, -11.4790, -98.4731** is the 20% darker color. If you saturate the color by 10%, you get **151.5570, -5.6976, -132.9155**, and if you desaturate by 10%, it is **159.4600, -5.1568, -119.6754**.

Distribution



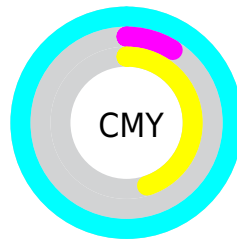
- Red (0%)
- Green (91%)
- Blue (55%)



- Red (0%)
- Yellow (56%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5570, -5.6976, -132.9155 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 151.5570, -5.6976, -132.9155 by changing the saturation by 10% instead.

151.5570, -5.6976,
-132.9155

151.5570, -5.6976,
-132.9155

255.0000, 0.0000,
0.0000

131.5700, -8.6620,
-115.3869

204.3920, -5.1233,
-83.6588

112.2840,
-11.4790, -98.4731

217.7500, 2.0953,
-65.5558

92.9980, -14.2960,
-81.5592

230.6240, 10.0454,
-48.7822

74.5270, -16.5288,
-65.3602

240.3490, 7.2229,
-30.1241

56.4150, -19.9246,
-49.4760

249.9170, 2.5059,
-10.4512

39.3290, -19.3892,
-34.4915

25.2410, -12.4438,

-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 151.5570, -5.6976,
-132.9155

■ 159.4600, -5.1568,
-119.6754

■ 167.3630, -4.6160,
-106.4354

■ 175.2660, -4.0751,
-93.1953

■ 183.1690, -3.5343,
-79.9552

■ 191.4850, -2.7041,
-66.2003

■ 199.3880, -2.1633,
-52.9603

■ 207.2910, -1.6225,
-39.7202

■ 215.1940, -1.0816,
-26.4801

■ 223.0970, -0.5408,
-13.2401

Harmonies

Analogous

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



184.7900, -52.1545, -25.2488



151.5570, -5.6976, -132.9155



161.9990, 24.1575, -142.0731

Triad

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



151.5570, -5.6976, -132.9155



166.1380, 43.8090, -98.3450



178.7730, -25.5241, 66.8511

Complementary

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



151.5570, -5.6976, -132.9155



79.4430, 5.6976, 132.9155

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.



178.1930, 7.7929, 67.3597



151.5570, -5.6976, -132.9155



199.6240, 27.3004, 16.9928

Square

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



151.5570, -5.6976, -132.9155



161.1450, 46.2705, -141.3242



193.3650, 30.3861, 54.0539



188.4660, -56.9247, 58.3503

Rectangle

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



151.5570, -5.6976, -132.9155



167.0150, 43.3766, -146.4722



193.3650, 30.3861, 54.0539



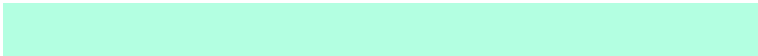
177.0580, -14.3256, 68.3551

Sweetspot

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



151.5570, -5.6976, -132.9155



228.8560, -1.9010, -43.7237



163.1050, -80.4108, -62.3591



112.0800, -1.5184, -26.3802



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.



151.5570, -5.6976, -132.9155



167.3550, -6.0910, -146.7703



148.4300, 40.7070, -130.1731



110.8420, -0.4151, -6.8774



117.3850, -4.6268, -102.9466



33.4710, -1.2182, -29.3541

Inverse Universe

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



79.4430, 5.6976, 132.9155



87.6450, 6.0910, 146.7703



82.5700, -40.7070, 130.1731



107.1580, 0.4151, 6.8774



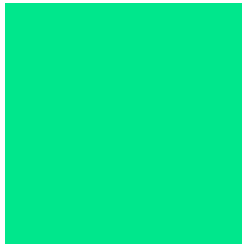
61.5010, 4.1900, 103.0466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 151.5570, -5.6976, -132.9155 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 151.5570, -5.6976, -132.9155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

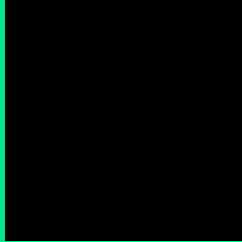
Any Text WCAG AA ✓ Pass

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 151.5570, -5.6976, -132.9155 Background



This preview shows how black text looks on a background with the YUV color 151.5570, -5.6976, -132.9155.



This preview shows how white text looks on a background with the YUV color 151.5570, -5.6976, -132.9155.

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

197.1740, -34.1028, 18.2644

Deuteranopia

200.2540, -25.2682, 31.3492

Tritanopia

180.3880, 27.9097, -85.4093

Trichromacy



Protanomaly

180.4660, -23.8937, -36.3657

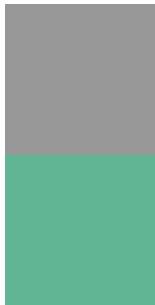
Deuteranomaly

182.4160, -17.9531, -28.4288

Tritanomaly

169.7760, 15.8864, -102.4126

Monochromacy



Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1220, -2.0321, -48.3420

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5570, -5.6976, -132.9155 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, 231, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 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(0, 231, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 140) }
```

Border

The CSS property to change the border of an element to YUV 151.5570, -5.6976, -132.9155 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, 231, 140) }
```

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

```
.border{ border-color:rgb(0, 231, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 231, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
140) }
```


Background

The CSS property to change the background color of an element to YUV 151.5570, -5.6976, -132.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 140) }
```

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

```
.background{ background-color: rgb(0, 231,  
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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