

# Converting Colors

YUV(151.0410, 17.2348,  
-114.9230)

Have a look what the booklet for  
YUV(151.0410, 17.2348, -114.9230)  
contains.

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# Color

**YUV(151.0410, 17.2348,  
-114.9230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14D3BA
RGB	20, 211, 186
RGB Percent	8%, 83%, 73%
CMY	0.9216, 0.1725, 0.2706
CMYK	0.91, 0.00, 0.12, 0.17
HSL	172°, 83%, 45%
HSV	172°, 91%, 83%
XYZ	32.4457, 50.2824, 54.4498
YIQ	151.0410, -105.8110, -48.2670

# Conversions

## Conversions Part 2

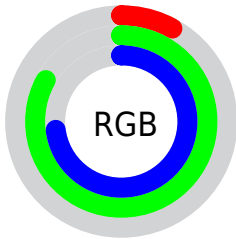
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 122, 211
Decimal	1364922
CIELab	76.24, -48.15, 0.29
CIElCh	76, 48.154, 179.655
Yxy	50.2824, 0.2365, 0.3665
Android (android.graphics.Color)	4279555002 (0xFF14D3BA)
YUV	151.0410, 17.2348, -114.9230
Hunter-Lab	70.9101, -42.4181, 4.1100

# Details

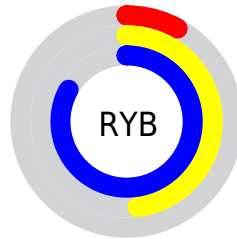
The YUV color **151.0410, 17.2348, -114.9230** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **79.9590, -17.2348, 114.9230**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1630, 15.6956, -87.8430**, and **106.1470, 13.2385, -93.0909** is the 20% darker color. If you saturate the color by 10%, you get **144.7190, 18.8725, -126.9186**, and if you desaturate by 10%, it is **157.6620, 15.4496, -102.3126**.

# Distribution



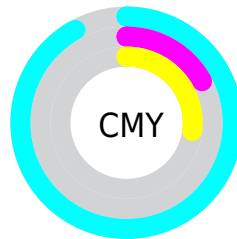
- Red (8%)
- Green (83%)
- Blue (73%)



- Red (8%)
- Yellow (48%)
- Blue (83%)



- Cyan (91%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)



- Cyan (92%)
- Magenta (17%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.0410, 17.2348, -114.9230 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 151.0410, 17.2348, -114.9230 by changing the saturation by 10% instead.



151.0410, 17.2348,  
-114.9230

151.0410, 17.2348,  
-114.9230

255.0000, 0.0000,  
0.0000

125.5470, 16.4923,  
-110.1047

210.1630, 15.6956,  
-87.8430

106.1470, 13.2385,  
-93.0909

221.2130, 16.6570,  
-69.4698

88.0350, 9.8427,  
-77.2067

230.7810, 11.9400,  
-49.7969

70.0370, 6.8838,  
-61.4224

240.0500, 7.3704,  
-30.7388

52.1530, 4.3616,  
-45.7382

249.3190, 2.8007,  
-11.6808

35.5570, 1.6974,  
-31.1835

19.7760, -0.3826,

-17.3436

■ 0.0000, 0.0000,  
0.0000

■ 151.0410, 17.2348,  
-114.9230

■ 151.0410, 17.2348,  
-114.9230

■ 144.7190, 18.8725,  
-126.9186

■ 157.6620, 15.4496,  
-102.3126

■ 164.2830, 13.6645,  
-89.7022

■ 170.7900, 11.4425,  
-76.9918

■ 177.4110, 9.6574,  
-64.3814

■ 184.0320, 7.8722,  
-51.7711

■ 190.9520, 5.9397,  
-38.5459

■ 197.4590, 3.7177,  
-25.8355

■ 204.0800, 1.9326,  
-13.2252

■ 210.7010, 0.1474,  
-0.6148

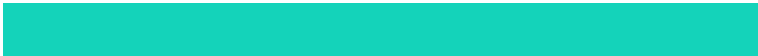
# Harmonies

## Analogous

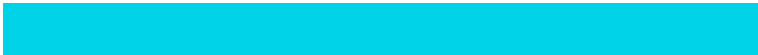
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.2670, -15.4146, -49.3462



151.0410, 17.2348, -114.9230



149.6040, 40.1282, -131.2027

# Triad

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



151.0410, 17.2348, -114.9230



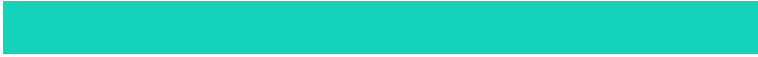
190.0780, 32.0065, 0.8086



187.0200, -36.9849, 56.1105

# Complementary

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



151.0410, 17.2348, -114.9230



79.9590, -17.2348, 114.9230

# 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.



184.4610, -18.9613, 61.8627



151.0410, 17.2348, -114.9230



193.8400, 19.7989, 43.1133

# Square

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



151.0410, 17.2348, -114.9230



176.4470, 38.7266, -54.7660



187.1290, 1.4154, 59.5229



184.2370, -43.0078, 27.8562

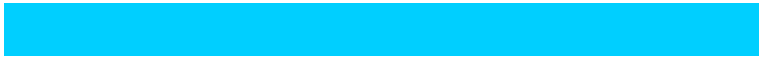


# Rectangle

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



151.0410, 17.2348, -114.9230



150.5790, 51.4796, -132.0578



187.1290, 1.4154, 59.5229



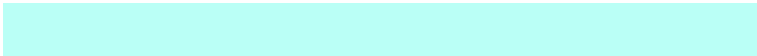
186.4210, -31.7596, 60.1438

# Sweetspot

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



151.0410, 17.2348, -114.9230



233.3430, 6.2399, -41.5198



139.5920, -58.9589, -82.9572



115.0570, 3.4229, -24.6060



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.



151.0410, 17.2348, -114.9230



174.9930, 23.1745, -153.4689



112.8010, 48.4121, -81.3865



101.4830, 0.7479, -6.5626



115.2600, 15.1548, -101.0830



28.0570, 3.4229, -24.6060



# Inverse Universe

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



79.9590, -17.2348, 114.9230



80.0070, -23.1745, 153.4689



118.1990, -48.4121, 81.3865



97.4030, -1.1847, 6.6626



52.7400, -15.1548, 101.0830

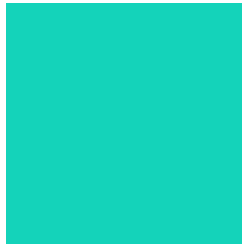


12.8290, -3.8597, 24.7060



# Previews

## White Background



This preview shows how the YUV color 151.0410, 17.2348, -114.9230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

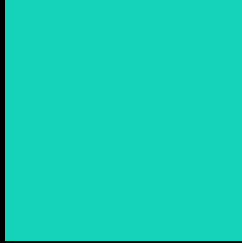
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 151.0410, 17.2348, -114.9230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

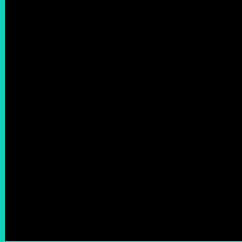
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

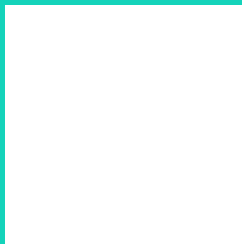
Any Text WCAG AAA ✓ Pass

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

# YUV 151.0410, 17.2348, -114.9230 Background



This preview shows how black text looks on a background with the YUV color 151.0410, 17.2348, -114.9230.



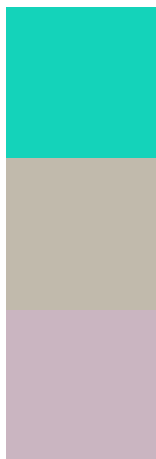
This preview shows how white text looks on a background with the YUV color 151.0410, 17.2348, -114.9230.



# 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

151.0410, 17.2348, -114.9230

### Protanopia

186.4970, -7.1470, 5.7031

### Deuteranopia

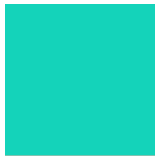
188.6470, 2.1460, 11.7106



**Tritanopia**

163.5720, 28.8050, -92.5866

# Trichromacy



## Original Color

151.0410, 17.2348, -114.9230



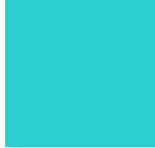
## Protanomaly

173.5130, 1.7191, -38.1609



## Deuteranomaly

175.0280, 7.3812, -34.2276



## Tritanomaly

159.0780, 24.6115, -100.9234

# Monochromacy



## Original Color

151.0410, 17.2348, -114.9230



## Achromatopsia

151.0000, 0.0000, 0.0000



## Achromatomaly

151.0440, 6.3873, -42.1346

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.0410, 17.2348, -114.9230 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(20, 211, 186)` looks like.

```
.text, #text, p{  
    color:rgb(20, 211, 186)  
}
```

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(20, 211, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 211, 186) }
```

## Border

The CSS property to change the border of an element to YUV 151.0410, 17.2348, -114.9230 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(20, 211, 186) }
```



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

```
.border{ border-color:rgb(20, 211, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 211, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 211, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 211, 186);  
box-shadow:4px 4px 4px 4px rgb(20, 211,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 151.0410, 17.2348, -114.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 211, 186) }
```

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

```
.background{ background-color: rgb(20, 211,  
186) }
```

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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