

Converting Colors

YUV(151.2410, 17.1362,
-130.0074)

Have a look what the booklet for
YUV(151.2410, 17.1362, -130.0074)
contains.

YUV(151.2410, 17.1362, -130.0074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.2410, 17.1362,
-130.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	03DCBA
RGB	3, 220, 186
RGB Percent	1%, 86%, 73%
CMY	0.9882, 0.1373, 0.2706
CMYK	0.99, 0.00, 0.15, 0.14
HSL	171°, 97%, 44%
HSV	171°, 99%, 86%
XYZ	34.4937, 54.7509, 55.2044
YIQ	151.2410, -118.4180, -56.5780

Conversions

Conversions Part 2

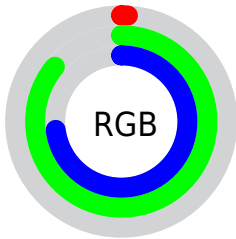
Format	Color
RYB	3, 121, 220
Decimal	253114
CIELab	78.90, -52.40, 4.14
CIELCh	79, 52.559, 175.484
Yxy	54.7509, 0.2388, 0.3790
Android (android.graphics.Color)	4278443194 (0xFF03DCBA)
YUV	151.2410, 17.1362, -130.0074
Hunter-Lab	73.9939, -46.2780, 7.5614

Details

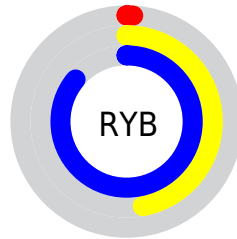
The YUV color **151.2410, 17.1362, -130.0074** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **71.7590, -17.1362, 130.0074**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5650, 15.9905, -89.0725**, and **111.4300, 10.6340, -97.7241** is the 20% darker color. If you saturate the color by 10%, you get **150.3440, 17.5784, -131.8517**, and if you desaturate by 10%, it is **158.1610, 15.2036, -116.7822**.

Distribution



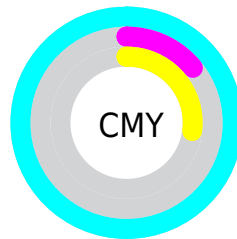
- Red (1%)
- Green (86%)
- Blue (73%)



- Red (1%)
- Yellow (47%)
- Blue (86%)



- Cyan (99%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (99%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2410, 17.1362, -130.0074 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 151.2410, 17.1362, -130.0074 by changing the saturation by 10% instead.

151.2410, 17.1362,
-130.0074

151.2410, 17.1362,
-130.0074

255.0000, 0.0000,
0.0000

130.8300, 13.8878,
-114.7379

209.5650, 15.9905,
-89.0725

111.4300, 10.6340,
-97.7241

221.2130, 16.6570,
-69.4698

92.7310, 7.5276,
-81.3251

230.7810, 11.9400,
-49.7969

74.1460, 4.8580,
-65.0260

240.0500, 7.3704,
-30.7388

56.8490, 2.0464,
-49.8566

249.6180, 2.6533,
-11.0660

39.6660, -0.3283,
-34.7871

23.7710, -2.8451,

-20.8472

■ 0.0000, 0.0000,
0.0000

■ 151.2410, 17.1362,
-130.0074

■ 151.2410, 17.1362,
-130.0074

■ 150.3440, 17.5784,
-131.8517

■ 158.1610, 15.2036,
-116.7822

■ 165.1950, 13.7079,
-103.6570

■ 172.1150, 11.7753,
-90.4319

■ 179.1490, 10.2795,
-77.3067

■ 186.0690, 8.3470,
-64.0815

■ 193.1030, 6.8512,
-50.9563

■ 200.0230, 4.9187,
-37.7312

■ 207.0570, 3.4229,
-24.6060

■ 213.9770, 1.4903,
-11.3808

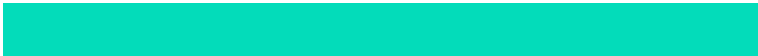
Harmonies

Analogous

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



179.0130, -20.2194, -48.2464



151.2410, 17.1362, -130.0074



156.0440, 39.4183, -136.8506

Triad

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



151.2410, 17.1362, -130.0074



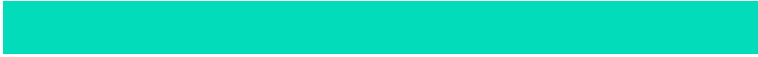
193.8770, 30.1336, -5.1541



190.4330, -36.6955, 56.6253

Complementary

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



151.2410, 17.1362, -130.0074



71.7590, -17.1362, 130.0074

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.



186.7750, -15.1721, 59.8333



151.2410, 17.1362, -130.0074



201.0940, 24.6037, 42.0136

Square

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



151.2410, 17.1362, -130.0074



176.0380, 38.9283, -72.8243



190.6000, 7.0992, 56.4788



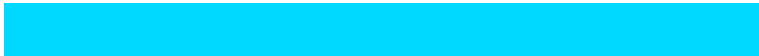
191.8420, -47.2501, 35.2186

Rectangle

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



151.2410, 17.1362, -130.0074



156.4490, 48.5856, -137.2058



190.6000, 7.0992, 56.4788



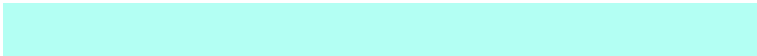
188.8660, -30.0069, 57.9995

Sweetspot

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



151.2410, 17.1362, -130.0074



230.9080, 5.9614, -45.5233



141.1430, -68.1045, -89.5794



113.3340, 3.2863, -27.4799



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.



151.2410, 17.1362, -130.0074



174.1950, 20.1169, -152.7690



112.8530, 52.8235, -96.3411



106.4830, 0.7479, -6.5626



118.1950, 13.7079, -103.6570



31.4480, 3.7231, -27.5799

Inverse Universe

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



71.7590, -17.1362, 130.0074



80.8050, -20.1169, 152.7690



110.1470, -52.8235, 96.3411



102.4030, -1.1847, 6.6626



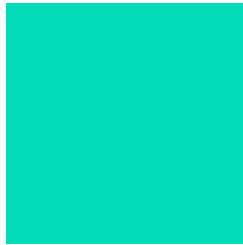
54.8050, -13.7079, 103.6570



14.5520, -3.7231, 27.5799

Previews

White Background



This preview shows how the YUV color 151.2410, 17.1362, -130.0074 looks on a white background.

Color Contrast Check

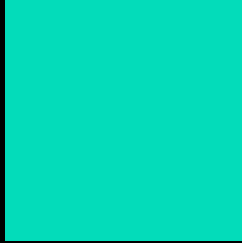
Large Text (above 18pt) WCAG AA × Fail

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 151.2410, 17.1362, -130.0074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

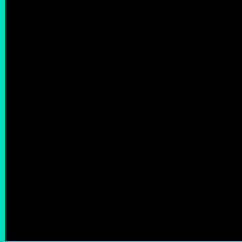
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

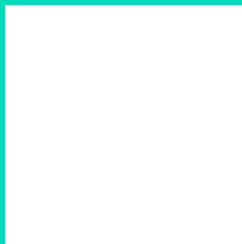
Any Text WCAG AAA ✓ Pass

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

YUV 151.2410, 17.1362, -130.0074 Background



This preview shows how black text looks on a background with the YUV color 151.2410, 17.1362, -130.0074.



This preview shows how white text looks on a background with the YUV color 151.2410, 17.1362, -130.0074.

-130.0074.

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

151.2410, 17.1362, -130.0074

Protanopia

193.2970, -10.4994, 7.6325

Deuteranopia

195.1590, -1.0644, 14.7696



Tritanopia

170.4900, 29.8314, -95.1457

Trichromacy



Original Color

151.2410, 17.1362, -130.0074



Protanomaly

178.2090, -0.5960, -42.2793



Deuteranomaly

179.1370, 5.3555, -37.8311



Tritanomaly

163.5610, 25.3594, -107.4860

Monochromacy



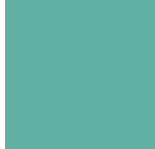
Original Color

151.2410, 17.1362, -130.0074



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0110, 6.4036, -47.3676

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2410, 17.1362, -130.0074 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(3, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(3, 220, 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(3, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 220, 186) }
```

Border

The CSS property to change the border of an element to YUV 151.2410, 17.1362, -130.0074 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(3, 220, 186) }
```


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

```
.border{ border-color:rgb(3, 220, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 220, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(3, 220,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 151.2410, 17.1362, -130.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 220, 186) }
```

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

```
.background{ background-color: rgb(3, 220,  
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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