

Converting Colors

YUV(151.7070, 23.8084,
-123.4000)

Have a look what the booklet for
YUV(151.7070, 23.8084, -123.4000)
contains.

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Color

**YUV(151.7070, 23.8084,
-123.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	0BD6C8
RGB	11, 214, 200
RGB Percent	4%, 84%, 78%
CMY	0.9569, 0.1608, 0.2157
CMYK	0.95, 0.00, 0.07, 0.16
HSL	176°, 90%, 44%
HSV	176°, 95%, 84%
XYZ	34.6099, 52.3344, 62.9210
YIQ	151.7070, -116.4940, -47.3900

Conversions

Conversions Part 2

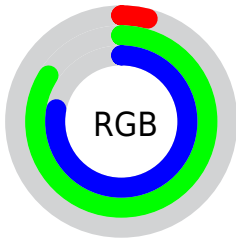
Format	Color
R _Y B	11, 116, 214
Decimal	775880
CIE Lab	77.48, -45.89, -5.41
CIE LCh	77, 46.205, 186.729
Yxy	52.3344, 0.2309, 0.3492
Android (android.graphics.Color)	4278965960 (0xFF0BD6C8)
YUV	151.7070, 23.8084, -123.4000
Hunter-Lab	72.3425, -41.2020, -0.9286

Details

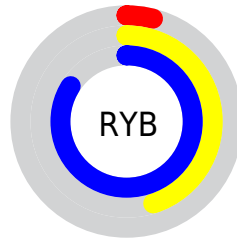
The YUV color **151.7070, 23.8084, -123.4000** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **73.2930, -23.8084, 123.4000**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **109.3900, 18.0487, -95.9350** is the 20% darker color. If you saturate the color by 10%, you get **148.3040, 24.9931, -130.0626**, and if you desaturate by 10%, it is **158.1000, 21.1497, -110.5897**.

Distribution



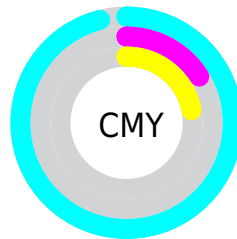
- Red (4%)
- Green (84%)
- Blue (78%)



- Red (4%)
- Yellow (45%)
- Blue (84%)



- Cyan (95%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (96%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7070, 23.8084, -123.4000 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 151.7070, 23.8084, -123.4000 by changing the saturation by 10% instead.

151.7070, 23.8084,
-123.4000

151.7070, 23.8084,
-123.4000

255.0000, 0.0000,
0.0000

128.9040, 21.7393,
-113.0488

211.6450, 21.3740,
-89.1427

109.3900, 18.0487,
-95.9350

221.5120, 16.5096,
-68.8550

91.2780, 14.6529,
-80.0508

231.0800, 11.7926,
-49.1822

73.1660, 11.2572,
-64.1666

240.3490, 7.2229,
-30.1241

55.1680, 8.2982,
-48.3823

249.9170, 2.5059,
-10.4512

38.5720, 5.6340,
-33.8276

23.2640, 2.8278,

-20.4025

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 151.7070, 23.8084,
-123.4000

■ 151.7070, 23.8084,
-123.4000

■ 148.3040, 24.9931,
-130.0626

■ 158.1000, 21.1497,
-110.5897

■ 164.9060, 18.7803,
-97.2646

■ 171.2990, 16.1216,
-84.4542

■ 178.1050, 13.7522,
-71.1291

■ 184.4980, 11.0935,
-58.3187

■ 191.0050, 8.8715,
-45.6084

■ 197.6970, 6.0654,
-32.1833

■ 204.2040, 3.8434,
-19.4729

■ 210.8960, 1.0373,
-6.0478

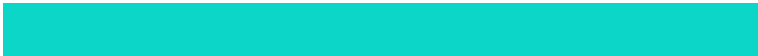
Harmonies

Analogous

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



174.2320, -8.9884, -57.2085



151.7070, 23.8084, -123.4000



151.9180, 43.9174, -133.2321

Triad

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



151.7070, 23.8084, -123.4000



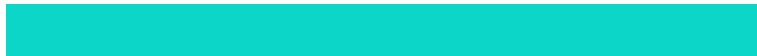
195.1610, 29.5006, 11.2598



190.3350, -38.1262, 48.8182

Complementary

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



151.7070, 23.8084, -123.4000



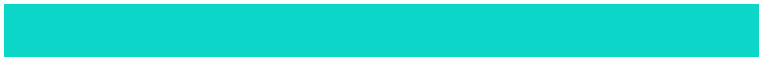
73.2930, -23.8084, 123.4000

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.



188.1140, -22.7342, 58.6590



151.7070, 23.8084, -123.4000



196.5050, 14.5410, 49.5461

Square

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



151.7070, 23.8084, -123.4000



184.2320, 34.8886, -37.0375



189.2660, -3.0891, 57.6487



187.1650, -40.5073, 19.1493

Rectangle

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



151.7070, 23.8084, -123.4000



151.1660, 51.1902, -132.5726



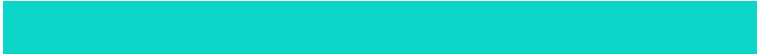
189.2660, -3.0891, 57.6487



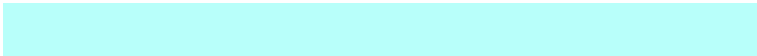
191.0030, -34.5115, 56.1254

Sweetspot

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



151.7070, 23.8084, -123.4000



233.2010, 8.2819, -43.1493



135.2440, -61.2523, -94.0530



114.5020, 5.1755, -26.7503



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.



151.7070, 23.8084, -123.4000



176.7030, 29.7264, -154.9685



103.4080, 54.5219, -81.0418



103.5970, 1.1847, -6.6626



118.5030, 19.9650, -103.9271



29.8010, 5.0281, -26.1355

Inverse Universe

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



73.2930, -23.8084, 123.4000



78.2970, -29.7264, 154.9685



121.5920, -54.5219, 81.0418



99.4030, -1.1847, 6.6626



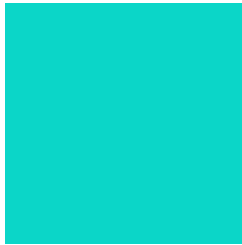
52.4970, -19.9650, 103.9271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 151.7070, 23.8084, -123.4000 looks on a white background.

Color Contrast Check

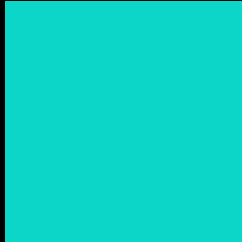
Large Text (above 18pt) WCAG AA × Fail

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 151.7070, 23.8084, -123.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

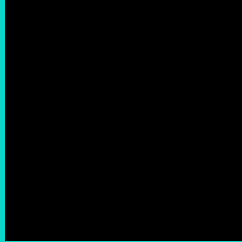
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

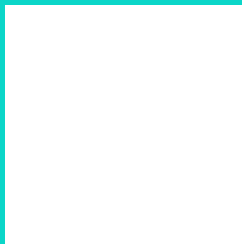
Any Text WCAG AAA ✓ Pass

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

YUV 151.7070, 23.8084, -123.4000 Background



This preview shows how black text looks on a background with the YUV color 151.7070, 23.8084, -123.4000.



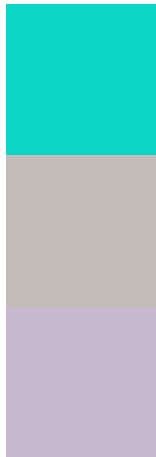
This preview shows how white text looks on a background with the YUV color 151.7070, 23.8084, -123.4000.

-123.4000.

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

151.7070, 23.8084, -123.4000

Protanopia

190.0390, -2.4842, 3.4738

Deuteranopia

192.1780, 6.8142, 7.7369



Tritanopia

164.3970, 30.8633, -99.4492

Trichromacy



Original Color

151.7070, 23.8084, -123.4000



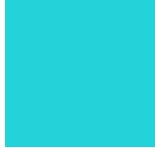
Protanomaly

175.8590, 6.9715, -42.8493



Deuteranomaly

177.7760, 12.9284, -40.1456



Tritanomaly

159.3590, 28.4170, -108.1858

Monochromacy



Original Color

151.7070, 23.8084, -123.4000



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.1900, 8.2873, -44.8936

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7070, 23.8084, -123.4000 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(11, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(11, 214, 200)  
}
```

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(11, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 214, 200) }
```

Border

The CSS property to change the border of an element to YUV 151.7070, 23.8084, -123.4000 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(11, 214, 200) }
```


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

```
.border{ border-color:rgb(11, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(11, 214,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 151.7070, 23.8084, -123.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 214, 200) }
```

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

```
.background{ background-color: rgb(11, 214,  
200) }
```

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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