

Converting Colors

YUV(150.1160, 16.7048,
-131.6517)

Have a look what the booklet for
YUV(150.1160, 16.7048, -131.6517)
contains.

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Color

**YUV(150.1160, 16.7048,
-131.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCB8
RGB	0, 220, 184
RGB Percent	0%, 86%, 72%
CMY	1.0000, 0.1373, 0.2784
CMYK	1.00, 0.00, 0.16, 0.14
HSL	170°, 100%, 43%
HSV	170°, 100%, 86%
XYZ	34.2449, 54.6471, 54.0904
YIQ	150.1160, -119.5640, -57.8360

Conversions

Conversions Part 2

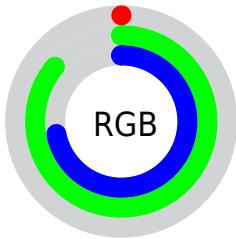
Format	Color
RYB	0, 120, 220
Decimal	56504
CIELab	78.84, -53.00, 5.11
CIELCh	79, 53.242, 174.487
Yxy	54.6471, 0.2395, 0.3822
Android (android.graphics.Color)	4278246584 (0xFF00DCB8)
YUV	150.1160, 16.7048, -131.6517
Hunter-Lab	73.9237, -46.6768, 8.3637

Details

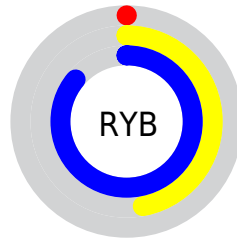
The YUV color **150.1160, 16.7048, -131.6517** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **69.8840, -16.7048, 131.6517**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3370, 15.1169, -88.8725**, and **111.2020, 9.7604, -97.5242** is the 20% darker color. If you saturate the color by 10%, you get **150.1160, 16.7048, -131.6517**, and if you desaturate by 10%, it is **157.1500, 15.2091, -118.5265**.

Distribution



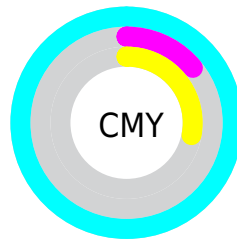
- Red (0%)
- Green (86%)
- Blue (72%)



- Red (0%)
- Yellow (47%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1160, 16.7048, -131.6517 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 150.1160, 16.7048, -131.6517 by changing the saturation by 10% instead.

■ 150.1160, 16.7048,
-131.6517

■ 150.1160, 16.7048,
-131.6517

■ 255.0000, 0.0000,
0.0000

■ 130.6020, 13.0142,
-114.5380

■ 209.3370, 15.1169,
-88.8725

■ 111.2020, 9.7604,
-97.5242

■ 220.9140, 16.8044,
-70.0846

■ 92.5030, 6.6540,
-81.1251

■ 230.4820, 12.0874,
-50.4117

■ 73.9180, 3.9844,
-64.8261

■ 240.0500, 7.3704,
-30.7388

■ 56.6210, 1.1728,
-49.6566

■ 249.3190, 2.8007,
-11.6808

■ 39.4380, -1.2019,
-34.5871

■ 23.6570, -3.2819,

-20.7472

■ 0.0000, 0.0000,
0.0000

■ 150.1160, 16.7048,
-131.6517

■ 157.1500, 15.2091,
-118.5265

■ 164.0700, 13.2765,
-105.3014

■ 171.1040, 11.7807,
-92.1762

■ 178.0240, 9.8482,
-78.9510

■ 185.0580, 8.3524,
-65.8259

■ 192.0920, 6.8566,
-52.7007

■ 199.0120, 4.9241,
-39.4755

■ 206.0460, 3.4283,
-26.3503

■ 212.9660, 1.4958,
-13.1252

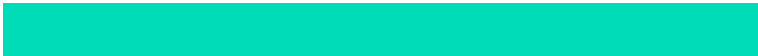
Harmonies

Analogous

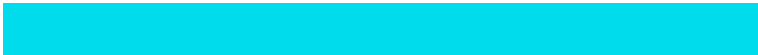
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.0840, -21.2404, -47.4317



150.1160, 16.7048, -131.6517



155.9300, 38.9815, -136.7506

Triad

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



150.1160, 16.7048, -131.6517



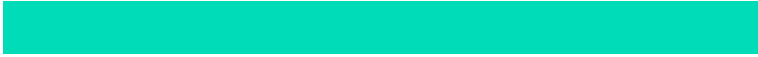
193.5670, 30.2865, -7.5133



189.8460, -36.4061, 57.1401

Complementary

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



150.1160, 16.7048, -131.6517



69.8840, -16.7048, 131.6517

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.



186.3020, -14.4459, 60.2481



150.1160, 16.7048, -131.6517



201.0230, 25.6247, 41.1988

Square

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



150.1160, 16.7048, -131.6517



173.9450, 39.9601, -77.1278



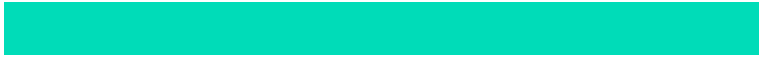
190.7140, 7.5360, 56.3788



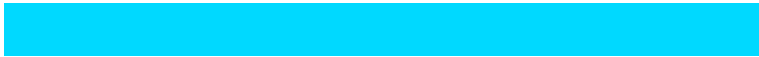
191.3260, -47.9817, 36.5481

Rectangle

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



150.1160, 16.7048, -131.6517



156.4490, 48.5856, -137.2058



190.7140, 7.5360, 56.3788



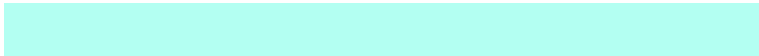
188.2790, -29.7175, 58.5143

Sweetspot

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



150.1160, 16.7048, -131.6517



230.7940, 5.5246, -45.4233



140.2030, -69.1201, -90.5090



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.



150.1160, 16.7048, -131.6517



173.9670, 19.2433, -152.5691



111.3690, 53.5551, -97.6706



106.4830, 0.7479, -6.5626



118.0810, 13.2711, -103.5570



31.3340, 3.2863, -27.4799

Inverse Universe

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



69.8840, -16.7048, 131.6517



81.0330, -19.2433, 152.5691



108.6310, -53.5551, 97.6706



102.4030, -1.1847, 6.6626



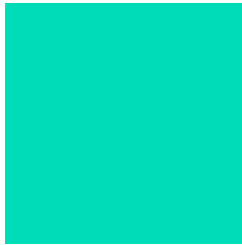
54.9190, -13.2711, 103.5570



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 150.1160, 16.7048, -131.6517 looks on a white background.

Color Contrast Check

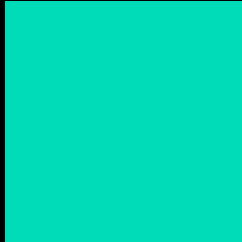
Large Text (above 18pt) WCAG AA × Fail

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 150.1160, 16.7048, -131.6517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

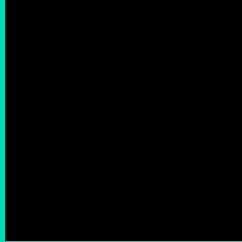
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

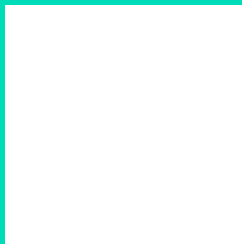
Any Text WCAG AAA ✓ Pass

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

YUV 150.1160, 16.7048, -131.6517 Background



This preview shows how black text looks on a background with the YUV color 150.1160, 16.7048, -131.6517.



This preview shows how white text looks on a background with the YUV color 150.1160, 16.7048, -131.6517.

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

150.1160, 16.7048, -131.6517

Protanopia

193.0690, -11.3730, 7.8325

Deuteranopia

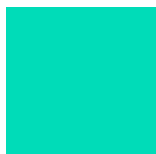
195.2300, -2.0854, 15.5843



Tritanopia

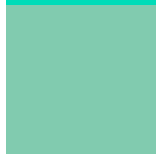
170.2020, 29.9734, -94.0162

Trichromacy



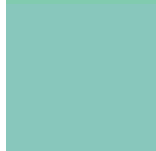
Original Color

150.1160, 16.7048, -131.6517



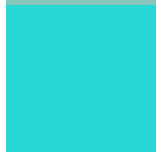
Protanomaly

177.6820, -1.3222, -42.6941



Deuteranomaly

178.9090, 4.4819, -37.6312



Tritanomaly

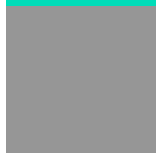
163.1480, 25.0700, -108.0008

Monochromacy



Original Color

150.1160, 16.7048, -131.6517



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.5980, 6.1142, -47.8824

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1160, 16.7048, -131.6517 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, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 184)  
}
```

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, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 184) }
```

Border

The CSS property to change the border of an element to YUV 150.1160, 16.7048, -131.6517 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, 220, 184) }
```


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

```
.border{ border-color:rgb(0, 220, 184) }
```

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

Here you see how a box with a 4 pixel rgb(0, 220, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 150.1160, 16.7048, -131.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 184) }
```

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

```
.background{ background-color: rgb(0, 220,  
184) }
```

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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