

Converting Colors

YUV(151.0450, 17.7258,
-132.4665)

Have a look what the booklet for
YUV(151.0450, 17.7258, -132.4665)
contains.

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Color

**YUV(151.0450, 17.7258,
-132.4665)**

Conversions

Conversions Part 1

Format	Color
Hex	00DDBB
RGB	0, 221, 187
RGB Percent	0%, 87%, 73%
CMY	1.0000, 0.1333, 0.2667
CMYK	1.00, 0.00, 0.15, 0.13
HSL	171°, 100%, 43%
HSV	171°, 100%, 87%
XYZ	34.8261, 55.3008, 55.8523
YIQ	151.0450, -120.8020, -57.4260

Conversions

Conversions Part 2

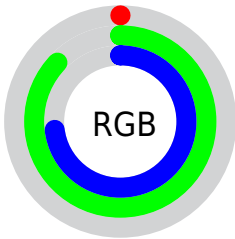
Format	Color
RYB	0, 120, 221
Decimal	56763
CIELab	79.21, -52.62, 4.06
CIELCh	79, 52.775, 175.585
Yxy	55.3008, 0.2386, 0.3788
Android (android.graphics.Color)	4278246843 (0xFF00DDBB)
YUV	151.0450, 17.7258, -132.4665
Hunter-Lab	74.3645, -46.5434, 7.5247

Details

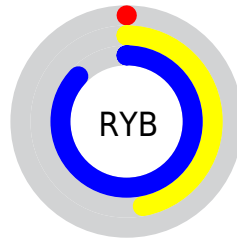
The YUV color **151.0450, 17.7258, -132.4665** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **69.9550, -17.7258, 132.4665**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6790, 16.4273, -89.1725**, and **112.1310, 10.7814, -98.3389** is the 20% darker color. If you saturate the color by 10%, you get **151.0450, 17.7258, -132.4665**, and if you desaturate by 10%, it is **157.9650, 15.7933, -119.2413**.

Distribution



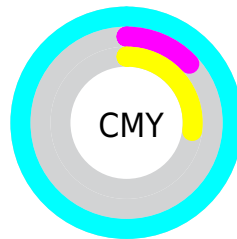
- Red (0%)
- Green (87%)
- Blue (73%)



- Red (0%)
- Yellow (47%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0450, 17.7258, -132.4665 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 151.0450, 17.7258, -132.4665 by changing the saturation by 10% instead.

■ 151.0450, 17.7258,
-132.4665

■ 151.0450, 17.7258,
-132.4665

■ 255.0000, 0.0000,
0.0000

■ 131.5310, 14.0352,
-115.3527

■ 209.6790, 16.4273,
-89.1725

■ 112.1310, 10.7814,
-98.3389

■ 221.2130, 16.6570,
-69.4698

■ 93.4320, 7.6750,
-81.9399

■ 230.7810, 11.9400,
-49.7969

■ 74.7330, 4.5686,
-65.5408

■ 240.0500, 7.3704,
-30.7388

■ 57.4360, 1.7571,
-50.3714

■ 249.6180, 2.6533,
-11.0660

■ 40.3670, -0.1809,
-35.4019

■ 24.4720, -2.6977,

-21.4619

■ 0.0000, 0.0000,
0.0000

■ 151.0450, 17.7258,
-132.4665

■ 157.9650, 15.7933,
-119.2413

■ 164.9990, 14.2975,
-106.1161

■ 171.9190, 12.3649,
-92.8910

■ 178.9530, 10.8692,
-79.7658

■ 186.1720, 8.7892,
-65.9258

■ 193.0920, 6.8566,
-52.7007

■ 200.1260, 5.3609,
-39.5755

■ 207.0460, 3.4283,
-26.3503

■ 214.0800, 1.9326,
-13.2252

Harmonies

Analogous

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



179.7140, -20.0720, -48.8612



151.0450, 17.7258, -132.4665



156.7450, 39.5657, -137.4654

Triad

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



151.0450, 17.7258, -132.4665



194.7630, 29.6968, -5.0542



191.0200, -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.



151.0450, 17.7258, -132.4665



69.9550, -17.7258, 132.4665

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.



187.3620, -15.4615, 59.3185



151.0450, 17.7258, -132.4665



202.0940, 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.



151.0450, 17.7258, -132.4665



176.9240, 38.4915, -72.7243



191.3010, 7.2466, 55.8640



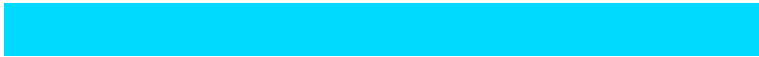
192.4290, -47.5395, 34.7038

Rectangle

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



151.0450, 17.7258, -132.4665



157.0360, 48.2963, -137.7206



191.3010, 7.2466, 55.8640



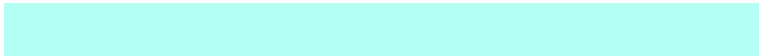
189.4530, -30.2963, 57.4847

Sweetspot

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



151.0450, 17.7258, -132.4665



230.9080, 5.9614, -45.5233



140.7900, -69.4095, -91.0238



113.3340, 3.2863, -27.4799



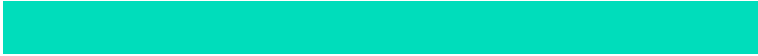
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.0450, 17.7258, -132.4665



174.3090, 20.5537, -152.8690



111.4830, 53.9919, -97.7706



106.4830, 0.7479, -6.5626



118.3090, 14.1447, -103.7570



31.4480, 3.7231, -27.5799

Inverse Universe

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



69.9550, -17.7258, 132.4665



80.6910, -20.5537, 152.8690



109.5170, -53.9919, 97.7706



102.4030, -1.1847, 6.6626



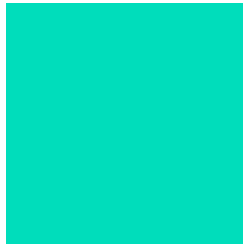
54.8050, -13.7079, 103.6570



14.5520, -3.7231, 27.5799

Previews

White Background



This preview shows how the YUV color 151.0450, 17.7258, -132.4665 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 151.0450, 17.7258, -132.4665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

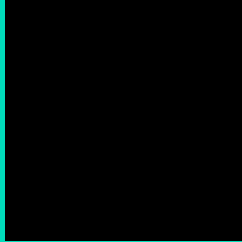
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

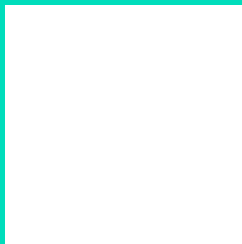
Any Text WCAG AAA ✓ Pass

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

YUV 151.0450, 17.7258, -132.4665 Background



This preview shows how black text looks on a background with the YUV color 151.0450, 17.7258, -132.4665.



This preview shows how white text looks on a background with the YUV color 151.0450, 17.7258, -132.4665.

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

194.2970, -10.4994, 7.6325

Deuteranopia

196.1590, -1.0644, 14.7696

Tritanopia

171.1910, 29.9788, -95.7605

Trichromacy



Protanomaly

178.6110, -0.3012, -43.5088

Deuteranomaly

179.8380, 5.5029, -38.4459

Tritanomaly

163.6640, 25.8016, -109.3303

Monochromacy



Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7120, 6.5510, -47.9824

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0450, 17.7258, -132.4665 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, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 187)  
}
```

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, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 187) }
```

Border

The CSS property to change the border of an element to YUV 151.0450, 17.7258, -132.4665 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, 221, 187) }
```

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

```
.border{ border-color:rgb(0, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
187) }
```


Background

The CSS property to change the background color of an element to YUV 151.0450, 17.7258, -132.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 187) }
```

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

```
.background{ background-color: rgb(0, 221,  
187) }
```

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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