

Converting Colors

YUV(151.0740, 30.5295,
-132.4919)

Have a look what the booklet for
YUV(151.0740, 30.5295, -132.4919)
contains.

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Color

**YUV(151.0740, 30.5295,
-132.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	00D8D5
RGB	0, 216, 213
RGB Percent	0%, 85%, 84%
CMY	1.0000, 0.1529, 0.1647
CMYK	1.00, 0.00, 0.01, 0.15
HSL	179°, 100%, 42%
HSV	179°, 100%, 85%
XYZ	36.5661, 53.9158, 71.4304
YIQ	151.0740, -127.7730, -46.7250

Conversions

Conversions Part 2

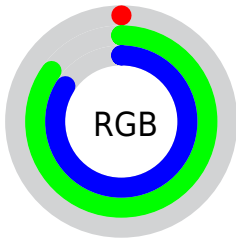
Format	Color
RYB	0, 109, 216
Decimal	55509
CIELab	78.41, -43.30, -11.00
CIELCh	78, 44.677, 194.255
Yxy	53.9158, 0.2258, 0.3330
Android (android.graphics.Color)	4278245589 (0xFF00D8D5)
YUV	151.0740, 30.5295, -132.4919
Hunter-Lab	73.4274, -39.6067, -6.2783

Details

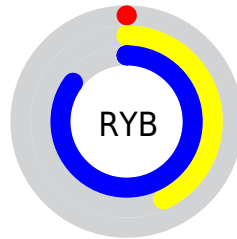
The YUV color **151.0740, 30.5295, -132.4919** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **64.9260, -30.5295, 132.4919**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **111.9320, 22.7115, -98.1644** is the 20% darker color. If you saturate the color by 10%, you get **151.0740, 30.5295, -132.4919**, and if you desaturate by 10%, it is **157.6520, 27.2866, -118.9668**.

Distribution



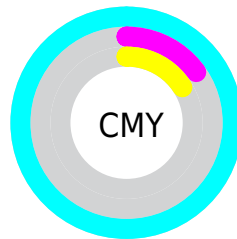
- Red (0%)
- Green (85%)
- Blue (84%)



- Red (0%)
- Yellow (43%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0740, 30.5295, -132.4919 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 151.0740, 30.5295, -132.4919 by changing the saturation by 10% instead.

151.0740, 30.5295,
-132.4919

151.0740, 30.5295,
-132.4919

255.0000, 0.0000,
0.0000

131.4460, 26.4021,
-115.2781

211.6450, 21.3740,
-89.1427

111.9320, 22.7115,
-98.1644

221.8110, 16.3622,
-68.2402

93.7060, 18.8789,
-82.1802

231.3790, 11.6452,
-48.5674

75.5940, 15.4832,
-66.2959

240.9470, 6.9281,
-28.8945

57.5960, 12.5242,
-50.5117

250.2160, 2.3585,
-9.8364

40.8860, 9.4232,
-35.8570

26.0510, 5.8909,

-22.8467

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 151.0740, 30.5295,
-132.4919

■ 157.6520, 27.2866,
-118.9668

■ 164.0450, 24.6278,
-106.1565

■ 170.6230, 21.3849,
-92.6314

■ 176.9020, 18.2893,
-79.7211

■ 183.5940, 15.4832,
-66.2959

■ 190.1720, 12.2402,
-52.7708

■ 196.4510, 9.1447,
-39.8605

■ 203.0290, 5.9017,
-26.3354

■ 209.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



174.8980, -2.4147, -65.6855



151.0740, 30.5295, -132.4919



153.6450, 47.9960, -134.7467

Triad

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



151.0740, 30.5295, -132.4919



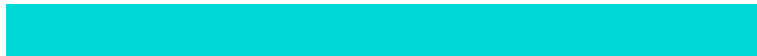
199.2440, 26.9947, 21.7110



192.7640, -38.8307, 41.4260

Complementary

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



151.0740, 30.5295, -132.4919



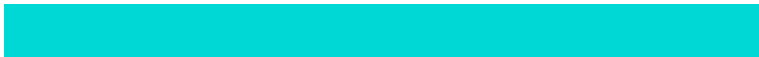
64.9260, -30.5295, 132.4919

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.



191.7670, -26.5071, 55.4553



151.0740, 30.5295, -132.4919



197.3650, 10.1731, 50.5459

Square

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



151.0740, 30.5295, -132.4919



190.5220, 31.7877, -22.3828



190.8160, -7.3043, 56.2894



189.0930, -38.0068, 10.4424

Rectangle

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



151.0740, 30.5295, -132.4919



167.6110, 43.0828, -98.7598



190.8160, -7.3043, 56.2894



193.5030, -36.2370, 49.5479

Sweetspot

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



151.0740, 30.5295, -132.4919



232.1620, 10.7661, -46.6231



127.9880, -63.0981, -108.7375



114.1320, 6.3439, -28.1798



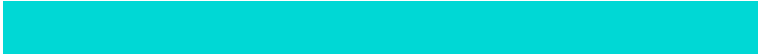
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



151.0740, 30.5295, -132.4919



178.2990, 35.8416, -156.3682



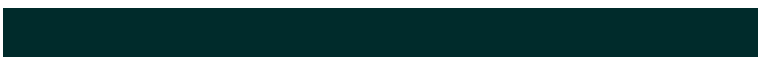
90.3680, 61.9366, -79.2527



103.7110, 1.6215, -6.7625



119.5290, 23.8962, -104.8269



30.1430, 6.3385, -26.4354

Inverse Universe

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



64.9260, -30.5295, 132.4919



76.7010, -35.8416, 156.3682



125.6320, -61.9366, 79.2527



99.4030, -1.1847, 6.6626



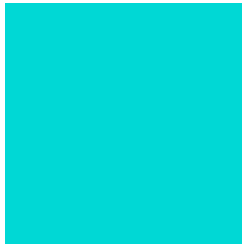
51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Previews

White Background



This preview shows how the YUV color 151.0740, 30.5295, -132.4919 looks on a white background.

Color Contrast Check

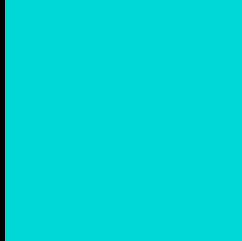
Large Text (above 18pt) WCAG AA × Fail

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 151.0740, 30.5295, -132.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

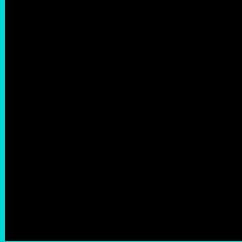
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

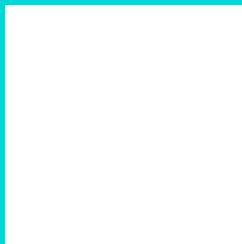
Any Text WCAG AAA ✓ Pass

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

YUV 151.0740, 30.5295, -132.4919 Background



This preview shows how black text looks on a background with the YUV color 151.0740, 30.5295, -132.4919.



This preview shows how white text looks on a background with the YUV color 151.0740, 30.5295, -132.4919.

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

192.6950, 2.6154, 1.1445

Deuteranopia

194.5240, 12.0667, 3.0485

Tritanopia

163.9230, 33.0690, -106.9265

Trichromacy



Protanomaly

177.3190, 12.6607, -47.6378

Deuteranomaly

178.6380, 18.9125, -46.1635

Tritanomaly

159.2270, 31.9331, -115.9631

Monochromacy



Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2650, 11.2084, -48.4674

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0740, 30.5295, -132.4919 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, 216, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 216, 213)  
}
```

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, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 216, 213) }
```

Border

The CSS property to change the border of an element to YUV 151.0740, 30.5295, -132.4919 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, 216, 213) }
```

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

```
.border{ border-color:rgb(0, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 216,  
213) }
```


Background

The CSS property to change the background color of an element to YUV 151.0740, 30.5295, -132.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 216, 213) }
```

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

```
.background{ background-color: rgb(0, 216,  
213) }
```

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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